

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 10-Q

(Mark One)

☒ QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934
For the Quarterly Period Ended September 30, 2021
or

☐ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934
For the transition period from to

Commission file number:
1-6523

Exact name of registrant as specified in its charter:
Bank of America Corporation

State or other jurisdiction of incorporation or organization:
Delaware

IRS Employer Identification No.:
56-0906609

Address of principal executive offices:
Bank of America Corporate Center
100 N. Tryon Street
Charlotte, North Carolina 28255

Registrant's telephone number, including area code:
(704) 386-5681

Former name, former address and former fiscal year, if changed since last report:

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.01 per share	BAC	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of Floating Rate Non-Cumulative Preferred Stock, Series E	BAC PrE	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of 6.000% Non-Cumulative Preferred Stock, Series GG	BAC PrB	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of 5.875% Non-Cumulative Preferred Stock, Series HH	BAC PrK	New York Stock Exchange
7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L	BAC PrL	New York Stock Exchange
Depository Shares, each representing a 1/1,200th interest in a share of Bank of America Corporation Floating Rate Non-Cumulative Preferred Stock, Series 1	BML PrG	New York Stock Exchange

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Depository Shares, each representing a 1/1,200th interest in a share of Bank of America Corporation Floating Rate Non-Cumulative Preferred Stock, Series 2	BML PrH	New York Stock Exchange
Depository Shares, each representing a 1/1,200th interest in a share of Bank of America Corporation Floating Rate Non-Cumulative Preferred Stock, Series 4	BML PrJ	New York Stock Exchange
Depository Shares, each representing a 1/1,200th interest in a share of Bank of America Corporation Floating Rate Non-Cumulative Preferred Stock, Series 5	BML PrL	New York Stock Exchange
Floating Rate Preferred Hybrid Income Term Securities of BAC Capital Trust XIII (and the guarantee related thereto)	BAC/PF	New York Stock Exchange
5.63% Fixed to Floating Rate Preferred Hybrid Income Term Securities of BAC Capital Trust XIV (and the guarantee related thereto)	BAC/PG	New York Stock Exchange
Income Capital Obligation Notes initially due December 15, 2066 of Bank of America Corporation	MER PrK	New York Stock Exchange
Senior Medium-Term Notes, Series A, Step Up Callable Notes, due November 28, 2031 of BofA Finance LLC (and the guarantee of the Registrant with respect thereto)	BAC/31B	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of 5.375% Non-Cumulative Preferred Stock, Series KK	BAC PrM	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of 5.000% Non-Cumulative Preferred Stock, Series LL	BAC PrN	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of 4.375% Non-Cumulative Preferred Stock, Series NN	BAC PrO	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of 4.125% Non-Cumulative Preferred Stock, Series PP	BAC PrP	New York Stock Exchange
Depository Shares, each representing a 1/1,000th interest in a share of 4.250% Non-Cumulative Preferred Stock, Series QQ	BAC PrQ	New York Stock Exchange

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

Yes ☒ No ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☒ Accelerated filer ☐ Non-accelerated filer ☐ Smaller reporting company ☐
Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Exchange Act Rule 12b-2).

Yes ☐ No ☒

On October 28, 2021, there were 8,184,084,032 shares of Bank of America Corporation Common Stock outstanding.

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Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Bank of America Corporation (the "Corporation") and its management may make certain statements that constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements can be identified by the fact that they do not relate strictly to historical or current facts. Forward-looking statements often use words such as "anticipates," "targets," "expects," "hopes," "estimates," "intends," "plans," "goals," "believes," "continue" and other similar expressions or future or conditional verbs such as "will," "may," "might," "should," "would" and "could." Forward-looking statements represent the Corporation's current expectations, plans or forecasts of its future results, revenues, provision for credit losses, expenses, efficiency ratio, capital measures, strategy, and future business and economic conditions more generally, and other future matters. These statements are not guarantees of future results or performance and involve certain known and unknown risks, uncertainties and assumptions that are difficult to predict and are often beyond the Corporation's control. Actual outcomes and results may differ materially from those expressed in, or implied by, any of these forward-looking statements.

You should not place undue reliance on any forward-looking statement and should consider the following uncertainties and risks, as well as the risks and uncertainties more fully discussed under Item 1A. Risk Factors of the Corporation's 2020 Annual Report on Form 10-K and in any of the Corporation's subsequent Securities and Exchange Commission filings: the Corporation's potential judgments, damages, penalties, fines and reputational damage resulting from pending or future litigation and regulatory investigations, proceedings and enforcement actions, including as a result of our participation in and execution of government programs related to the Coronavirus Disease 2019 (COVID-19) pandemic; the possibility that the Corporation's future liabilities may be in excess of its recorded liability and estimated range of possible loss for litigation, and regulatory and government actions; the possibility that the Corporation could face increased claims from one or more parties involved in mortgage securitizations; the Corporation's ability to resolve representations and warranties repurchase and related claims; the risks related to the discontinuation of the London Interbank Offered Rate and other reference rates, including increased expenses and litigation and the effectiveness of hedging strategies; uncertainties about the financial stability and growth rates of non-U.S. jurisdictions, the risk that those jurisdictions may face difficulties servicing their sovereign debt, and related stresses on financial markets, currencies and trade, and the Corporation's exposures to such risks, including direct, indirect and operational; the impact of U.S. and global interest rates, inflation, currency exchange rates, economic conditions, trade policies and tensions, including tariffs, and potential geopolitical instability; the impact of the interest rate and inflationary environment on the Corporation's business, financial condition and results of operations; the possibility that future credit losses may be higher than currently expected due to changes in economic assumptions, customer behavior, adverse

developments with respect to U.S. or global economic conditions and other uncertainties, including the impact of supply chain disruptions and inflationary pressures on the economic recovery; the Corporation's concentration of credit risk; the Corporation's ability to achieve its expense targets and expectations regarding revenue, net interest income, provision for credit losses, net charge-offs, effective tax rate, loan growth or other projections; adverse changes to the Corporation's credit ratings from the major credit rating agencies; an inability to access capital markets or maintain deposits or borrowing costs; estimates of the fair value and other accounting values, subject to impairment assessments, of certain of the Corporation's assets and liabilities; the estimated or actual impact of changes in accounting standards or assumptions in applying those standards; uncertainty regarding the content, timing and impact of regulatory capital and liquidity requirements; the impact of adverse changes to total loss-absorbing capacity requirements, stress capital buffer requirements and/or global systemically important bank surcharges; the potential impact of actions of the Board of Governors of the Federal Reserve System on the Corporation's capital plans; the effect of changes in or interpretations of income tax laws and regulations; the impact of implementation and compliance with U.S. and international laws, regulations and regulatory interpretations, including, but not limited to, recovery and resolution planning requirements, Federal Deposit Insurance Corporation assessments, the Volcker Rule, fiduciary standards, derivatives regulations and the Coronavirus Aid, Relief, and Economic Security Act and any similar or related rules and regulations; a failure or disruption in or breach of the Corporation's operational or security systems or infrastructure, or those of third parties, including as a result of cyber-attacks or campaigns; the impact on the Corporation's business, financial condition and results of operations from the United Kingdom's exit from the European Union; the impact of climate change; the ability to achieve environmental, social and governance goals and commitments; the impact of any future federal government shutdown and uncertainty regarding the federal government's debt limit or changes in fiscal, monetary or regulatory policy; the emergence of widespread health emergencies or pandemics, including the magnitude and duration of the COVID-19 pandemic and its impact on the U.S. and/or global financial market conditions and our business, results of operations, financial condition and prospects; the impact of natural disasters, extreme weather events, military conflict, terrorism or other geopolitical events; and other matters.

Forward-looking statements speak only as of the date they are made, and the Corporation undertakes no obligation to update any forward-looking statement to reflect the impact of circumstances or events that arise after the date the forward-looking statement was made.

Notes to the Consolidated Financial Statements referred to in Management's Discussion and Analysis of Financial Condition and Results of Operations (MD&A) are incorporated by reference into the MD&A. Certain prior-period amounts have been reclassified to conform to current-period presentation.

Throughout the MD&A, the Corporation uses certain acronyms and abbreviations which are defined in the Glossary.

Executive Summary

Business Overview

The Corporation is a Delaware corporation, a bank holding company (BHC) and a financial holding company. When used in this report, "the Corporation," "we," "us" and "our" may refer to Bank of America Corporation individually, Bank of America Corporation and its subsidiaries, or certain of Bank of America Corporation's subsidiaries or affiliates. Our principal executive offices are located in Charlotte, North Carolina. Through our various bank and nonbank subsidiaries throughout the U.S. and in international markets, we provide a diversified range of banking and nonbank financial services and products through four business segments: *Consumer Banking*, *Global Wealth & Investment Management (GWIM)*, *Global Banking* and *Global Markets*, with the remaining operations recorded in *All Other*. We operate our banking activities primarily under the Bank of America, National Association (Bank of America, N.A. or BANA) charter. At September 30, 2021, the Corporation had \$3.1 trillion in assets and a headcount of approximately 209,000 employees.

As of September 30, 2021, we served clients through operations across the U.S., its territories and approximately 35 countries. Our retail banking footprint covers all major markets in the U.S., and we serve approximately 66 million consumer and small business clients with approximately 4,200 retail financial centers, approximately 17,000 ATMs, and leading digital banking platforms (www.bankofamerica.com) with approximately 41 million active users, including approximately 32 million active mobile users. We offer industry-leading support to approximately three million small business households. Our GWIM businesses, with client balances of \$3.7 trillion, provide tailored solutions to meet client needs through a full set of investment management, brokerage, banking, trust and retirement products. We are a global leader in corporate and investment banking and trading across a broad range of asset classes serving corporations, governments, institutions and individuals around the world.

The Corporation's website is www.bankofamerica.com, and the Investor Relations portion of our website is <https://investor.bankofamerica.com>. We use our website to distribute company information, including as a means of disclosing material, non-public information and for complying with our disclosure obligations under Regulation FD. We routinely post and make accessible financial and other information, including environmental, social and governance (ESG) information, regarding the Corporation on our website. Investors should monitor the Investor Relations portion of our website, in addition to our press releases, U.S. Securities and Exchange Commission (SEC) filings, public conference calls and webcasts. Notwithstanding the foregoing, the information contained on our website as referenced in this paragraph is not incorporated by reference into this Quarterly Report on Form 10-Q.

Recent Developments

Capital Management

In June 2021, the Board of Governors of the Federal Reserve System (Federal Reserve) notified BHCs of their 2021 Comprehensive Capital Analysis and Review (CCAR) stress test results, which included a preliminary stress capital buffer (SCB) that was finalized in August 2021. Based on our results, we are

subject to a 2.5 percent SCB effective October 1, 2021 through September 30, 2022, unchanged from the prior level. Our minimum Basel 3 Common equity tier 1 (CET1) capital ratio requirement also remained unchanged at 9.5 percent.

On October 20, 2021, the Corporation announced that the Board of Directors (the Board) renewed the Corporation's \$25 billion common stock repurchase program previously announced in April 2021. The Board's authorization replaces the previous program. As with the April authorization, the Board also authorized common stock repurchases to offset shares awarded under the Corporation's equity-based compensation plans. The Board also declared a quarterly cash common stock dividend of \$0.21 per share, payable on December 31, 2021 to shareholders of record as of December 3, 2021.

For more information on our capital resources and regulatory developments, see Capital Management on page 22.

Organizational Changes

During the third quarter of 2021, we announced certain changes to the Corporation's senior management team. For more information, see the Corporation's Current Reports on Form 8-K filed on August 26, September 10, September 14 and October 20, 2021.

COVID-19 Pandemic

The Coronavirus Disease 2019 (COVID-19) pandemic (the pandemic) has impacted the Corporation and may continue to do so, as uncertainty remains about the duration of the pandemic and the timing and strength of the global economic recovery. As the pandemic continues to evolve, we regularly evaluate protocols and processes in place to execute our business continuity plans. In conjunction with our efforts to support clients affected by the pandemic, we have cumulatively originated \$35.4 billion in loans under the Paycheck Protection Program (PPP) with amounts outstanding of \$8.4 billion and \$15.7 billion at September 30, 2021 and June 30, 2021. For more information on PPP loans, see Commercial Portfolio Credit Risk Management on page 35.

The future direct and indirect impact of the pandemic on our businesses, results of operations and financial condition remains uncertain. Should current economic conditions deteriorate or if the pandemic worsens due to various factors, including through the spread of more easily communicable variants of COVID-19, such conditions could have an adverse effect on our businesses and results of operations and could adversely affect our financial condition.

For more information on the pandemic, see Executive Summary – Recent Developments – COVID-19 Pandemic in the MD&A and Item 1A. Risk Factors – Coronavirus Disease of the Corporation's 2020 Annual Report on Form 10-K.

LIBOR and Other Benchmark Rates

Following the 2017 announcement by the U.K.'s Financial Conduct Authority (FCA) that it would no longer compel participating banks to submit rates for the London Interbank Offered Rate (LIBOR) after 2021, regulators, trade associations and financial industry working groups have identified recommended replacement rates for LIBOR, as well as other Interbank Offered Rates (IBORs), and have published recommended conventions to allow new and existing products to incorporate fallbacks or reference these alternative reference rates (ARRs). Additionally, as previously disclosed, the FCA announced the dates that all LIBOR benchmark settings currently published by the ICE Benchmark Administration will cease or become no longer representative of the underlying market the rates seek to measure (i.e., non-representative),

subject to the continued publication of certain non-representative LIBOR benchmark settings based on a modified calculation (i.e., on a "synthetic" basis).

The Corporation continues to execute its enterprise-wide IBOR transition program, and is particularly focused on contracts that reference certain IBORs that are expected to cease or become non-representative immediately after December 31, 2021. As of September 30, 2021, a significant majority of the Corporation's notional contractual exposure to LIBOR currencies that will cease or become non-representative on December 31, 2021 has been remediated, and the Corporation is continuing to remediate the remaining exposure. For any residual exposure after the end of 2021, the Corporation is assessing and planning to leverage relevant contractual and statutory solutions to transition such exposure to ARR, including the previously disclosed New York legislation adopted in April 2021 for contracts that are governed by New York law and have no fallback provisions or a fallback provision based on LIBOR. Additionally, as part of this transition program, the Corporation continues to decrease initiation of new U.S. dollar (USD) LIBOR-linked consumer and commercial loans that mature after June 30, 2023, subject to certain exceptions, and continues to increase the usage of ARRs in its USD consumer and commercial lending products and contracts. As previously disclosed, the Corporation has ceased initiation of GBP LIBOR-linked derivatives, subject to certain exceptions, and is prioritizing interdealer trading in the Secured Overnight Financing Rate (SOFR) rather than LIBOR for certain USD interest rate swaps in accordance with recommendations by the Commodity

Futures Trading Commission (CFTC). The Corporation continues to update its operational models, systems, processes and internal infrastructure.

While the Corporation continues to work towards meeting the regulatory and industry-wide recommended milestones on cessation of LIBOR, the market and client replacement of IBORs and adoption of ARRs continue to evolve and, as a result, could impact the ability of market participants and the Corporation to transition activity across or within categories of contracts, products, services and markets. Accordingly, the Corporation continues to monitor a variety of market scenarios as part of its transition efforts, including risks associated with insufficient preparation by individual market participants or the overall market ecosystem, ability of market participants to meet regulatory and industry-wide recommended milestones, development and adoption of SOFR, credit-sensitive and other rates, access and demand by clients and market participants to liquidity in certain products, including LIBOR products, and IBOR continuity. Furthermore, banking regulators in the U.S. and globally have increased regulatory scrutiny and intensified supervisory focus of financial institution LIBOR transition plans, preparations and readiness, including the use of credit-sensitive rates.

For more information on the expected replacement of LIBOR and other benchmark rates, see Executive Summary – Recent Developments – LIBOR and Other Benchmark Rates in the MD&A and Item 1A. Risk Factors – Other of the Corporation's 2020 Annual Report on Form 10-K.

Financial Highlights

Table 1 Summary Income Statement and Selected Financial Data

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions, except per share information)				
Income statement				
Net interest income	\$ 11,094	\$ 10,129	\$ 31,524	\$ 33,107
Noninterest income	11,672	10,207	35,529	32,322
Total revenue, net of interest expense	22,766	20,336	67,053	65,429
Provision for credit losses	(624)	1,389	(4,105)	11,267
Noninterest expense	14,440	14,401	45,000	41,286
Income before income taxes	8,950	4,546	26,158	12,876
Income tax expense	1,259	(335)	1,193	452
Net income	7,691	4,881	24,965	12,424
Preferred stock dividends	431	441	1,181	1,159
Net income applicable to common shareholders	\$ 7,260	\$ 4,440	\$ 23,784	\$ 11,265
Per common share information				
Earnings	\$ 0.86	\$ 0.51	\$ 2.77	\$ 1.29
Diluted earnings	0.85	0.51	2.75	1.28
Dividends paid	0.21	0.18	0.57	0.54
Performance ratios				
Return on average assets ⁽¹⁾	0.99 %	0.71 %	1.12 %	0.63 %
Return on average common shareholders' equity ⁽¹⁾	11.43	7.24	12.67	6.20
Return on average tangible common shareholders' equity ⁽²⁾	15.85	10.16	17.61	8.71
Efficiency ratio ⁽¹⁾	63.43	70.81	67.11	63.10
			September 30	December 31
			2021	2020
Balance sheet				
Total loans and leases			\$ 927,736	\$ 927,861
Total assets			3,085,446	2,819,627
Total deposits			1,964,804	1,795,480
Total liabilities			2,812,982	2,546,703
Total common shareholders' equity			249,023	248,414
Total shareholders' equity			272,464	272,924

⁽¹⁾ For definitions, see Key Metrics on page 102.

⁽²⁾ Return on average tangible common shareholders' equity is a non-GAAP financial measure. For more information and a corresponding reconciliation to the most closely related financial measures defined by accounting principles generally accepted in the United States of America (GAAP), see Non-GAAP Reconciliations on page 48.

Net income was \$7.7 billion and \$25.0 billion, or \$0.85 and \$2.75 per diluted share, for the three and nine months ended September 30, 2021 compared to \$4.9 billion and \$12.4 billion, or \$0.51 and \$1.28 per diluted share, for the same periods in 2020. The increase in net income was due to improvement in the provision for credit losses and higher revenue, partially offset by higher noninterest expense.

Total assets increased \$265.8 billion from December 31, 2020 to \$3.1 trillion primarily due to the deployment of cash from continued deposit inflows into debt securities, as well as higher trading account assets due to an increase in inventory in *Global Markets*.

Total liabilities increased \$266.3 billion from December 31, 2020 to \$2.8 trillion primarily driven by an increase in deposits due to continued government stimulus measures as well as seasonally higher deposits, an increase in trading account liabilities resulting from higher levels of short positions in *Global Markets* and higher federal funds purchased and securities loaned or sold under agreements to repurchase due to client activity in *Global Markets*.

Shareholders' equity decreased \$460 million from December 31, 2020 primarily due to returns of capital to shareholders

through common stock repurchases and common and preferred stock dividends, as well as market value decreases on debt securities and derivatives, partially offset by net income.

Net Interest Income

Net interest income increased \$965 million to \$11.1 billion, and decreased \$1.6 billion to \$31.5 billion for the three and nine months ended September 30, 2021 compared to the same periods in 2020. Net interest yield on a fully taxable-equivalent (FTE) basis decreased 4 basis points (bps) to 1.68 percent, and 30 bps to 1.66 percent for the same periods. The increase in net interest income for the three-month period was primarily due to deposit growth and related investment of liquidity and the accelerated recognition of capitalized loan fees due to PPP loan forgiveness, partially offset by lower loan balances. The decrease in the nine-month period was primarily driven by lower interest rates and loan balances, partially offset by higher balances of debt securities. For more information on net interest yield and the FTE basis, see Supplemental Financial Data on page 7, and for more information on interest rate risk management, see Interest Rate Risk Management for the Banking Book on page 46.

Noninterest Income

Table 2 Noninterest Income

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Fees and commissions:				
Card income	\$ 1,583	\$ 1,568	\$ 4,604	\$ 4,089
Service charges	1,928	1,817	5,594	5,282
Investment and brokerage services	4,236	3,623	12,422	10,803
Investment banking fees	2,168	1,769	6,536	5,316
Total fees and commissions	9,915	8,777	29,156	25,490
Market making and similar activities	2,005	1,689	7,360	6,983
Other income	(248)	(259)	(987)	(151)
Total noninterest income	\$ 11,672	\$ 10,207	\$ 35,529	\$ 32,322

Noninterest income increased \$1.5 billion to \$11.7 billion and increased \$3.2 billion to \$35.5 billion for the three and nine months ended September 30, 2021 compared to the same periods in 2020. The following highlights the significant changes.

- Card income increased \$515 million for the nine-month period primarily driven by increased client activity and merchant services revenue.
- Service charges increased \$111 million and \$312 million primarily due to increased client activity in the three-month period and higher treasury and credit service charges in the nine-month period.
- Investment and brokerage services increased \$613 million and \$1.6 billion primarily driven by higher market valuations and assets under management (AUM) flows, partially offset by declines in AUM pricing.
- Investment banking fees increased \$399 million and \$1.2 billion primarily due to higher advisory and debt issuance fees and increased equity issuance fees in the nine-month period.

- Market making and similar activities increased \$316 million and \$377 million primarily driven by strong sales and trading performance in Equities. The increase in the nine-month period was partially offset by a weaker performance in Fixed Income, Currencies and Commodities (FICC), which benefited from market-related gains in the prior-year period.
- Other income decreased \$836 million for the nine-month period primarily due to a \$704 million gain on sales of certain mortgage loans in the prior year, as well as higher partnership losses on tax credit investments.

Provision for Credit Losses

The provision for credit losses improved \$2.0 billion to a benefit of \$624 million and \$15.4 billion to a benefit of \$4.1 billion for the three and nine months ended September 30, 2021 compared to the same periods in 2020. The benefit in the three-month period was primarily due to credit quality improvements. The benefit in the nine-month period was primarily driven by improvements in the macroeconomic outlook and credit quality. For more information on the provision for credit losses, see Allowance for Credit Losses on page 42.

Noninterest Expense

Table 3 Noninterest Expense

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Compensation and benefits	\$ 8,714	\$ 8,200	\$ 27,103	\$ 24,535
Occupancy and equipment	1,764	1,798	5,353	5,302
Information processing and communications	1,416	1,333	4,289	3,807
Product delivery and transaction related	987	930	2,940	2,518
Marketing	347	308	1,528	1,238
Professional fees	434	450	1,263	1,206
Other general operating	778	1,382	2,524	2,680
Total noninterest expense	\$ 14,440	\$ 14,401	\$ 45,000	\$ 41,286

Noninterest expense increased \$39 million to \$14.4 billion, and \$3.7 billion to \$45.0 billion for the three and nine months ended September 30, 2021 compared to the same periods in 2020. Noninterest expense in the three-month period was relatively flat, as higher revenue-related expenses were largely offset by lower litigation expense and COVID-19 related costs.

The increase in the nine-month period was primarily due to higher compensation and benefits expense, a contribution to the Bank of America Foundation, higher costs associated with processing transactional card claims related to state unemployment benefits and an impairment charge for real estate rationalization.

Income Tax Expense

Table 4 Income Tax Expense

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Income before income taxes	\$ 8,950	\$ 4,546	\$ 26,158	\$ 12,876
Income tax expense	1,259	(335)	1,193	452
Effective tax rate	14.1 %	(7.4)%	4.6 %	3.5 %

Changes in the effective tax rates for the three and nine months ended September 30, 2021 compared to the same periods a year ago were driven by the impact of our recurring tax preference benefits on higher levels of pretax income and the impact of the 2020 U.K. tax law change. Also included in the nine months ended September 30, 2021 was the impact of the 2021 U.K. tax law change further discussed in this section. Our recurring tax preference benefits primarily consist of tax credits from ESG investments in affordable housing and renewable energy, aligning with our responsible growth strategy to address global sustainability challenges. Absent these tax credits and the impact of the U.K. tax law changes, the effective tax rate would have been approximately 25 percent for the three and nine months ended September 30, 2021 compared to 27 percent and 26 percent for the same periods a year ago.

On June 10, 2021, the U.K. enacted the 2021 Finance Act, which included an increase in the U.K. corporation income tax rate to 25 percent from 19 percent. This change is effective April 1, 2023 and unfavorably affects income tax expense on future U.K. earnings. As a result, during the nine months ended September 30, 2021, the Corporation recorded a write-up of U.K. net deferred tax assets of approximately \$2.0 billion, with a corresponding positive income tax adjustment. This write-up is a reversal of previously recorded write-downs of net deferred tax assets for prior changes in the U.K. corporation income tax rate.

Supplemental Financial Data

Non-GAAP Financial Measures

In this Form 10-Q, we present certain non-GAAP financial measures. Non-GAAP financial measures exclude certain items or otherwise include components that differ from the most directly comparable measures calculated in accordance with GAAP. Non-GAAP financial measures are provided as additional useful information to assess our financial condition, results of operations (including period-to-period operating performance) or compliance with prospective regulatory requirements. These non-GAAP financial measures are not intended as a substitute for GAAP financial measures and may not be defined or calculated the same way as non-GAAP financial measures used by other companies.

We view net interest income and related ratios and analyses on an FTE basis, which when presented on a consolidated basis are non-GAAP financial measures. To derive the FTE basis, net interest income is adjusted to reflect tax-exempt income on an equivalent before-tax basis with a corresponding increase in income tax expense. For purposes of this calculation, we use the federal statutory tax rate of 21 percent and a representative state tax rate. Net interest yield, which measures the basis points we earn over the cost of funds, utilizes net interest income on an FTE basis. We believe that presentation of these items on an FTE basis allows for comparison of amounts from both taxable and tax-exempt sources and is consistent with industry practices.

We may present certain key performance indicators and ratios excluding certain items (e.g., debit valuation adjustment (DVA) gains (losses)) which result in non-GAAP financial measures. We believe that the presentation of measures that exclude these items is useful because such measures provide additional information to assess the underlying operational performance and trends of our businesses and to allow better comparison of period-to-period operating performance.

We also evaluate our business based on certain ratios that utilize tangible equity, a non-GAAP financial measure. Tangible equity represents shareholders' equity or common shareholders' equity reduced by goodwill and intangible assets (excluding mortgage servicing rights (MSRs)), net of related deferred tax liabilities ("adjusted" shareholders' equity or common shareholders' equity). These measures are used to evaluate our use of equity. In addition, profitability, relationship and investment models use both return on average tangible

common shareholders' equity and return on average tangible shareholders' equity as key measures to support our overall growth objectives. These ratios are as follows:

- Return on average tangible common shareholders' equity measures our net income applicable to common shareholders as a percentage of adjusted average common shareholders' equity. The tangible common equity ratio represents adjusted ending common shareholders' equity divided by total tangible assets.
- Return on average tangible shareholders' equity measures our net income as a percentage of adjusted average total shareholders' equity. The tangible equity ratio represents adjusted ending shareholders' equity divided by total tangible assets.
- Tangible book value per common share represents adjusted ending common shareholders' equity divided by ending common shares outstanding.

We believe ratios utilizing tangible equity provide additional useful information because they present measures of those assets that can generate income. Tangible book value per common share provides additional useful information about the level of tangible assets in relation to outstanding shares of common stock.

The aforementioned supplemental data and performance measures are presented in Table 5 on page 8.

For more information on the reconciliation of these non-GAAP financial measures to the corresponding GAAP financial measures, see Non-GAAP Reconciliations on page 48.

Key Performance Indicators

We present certain key financial and nonfinancial performance indicators (key performance indicators) that management uses when assessing our consolidated and/or segment results. We believe they are useful to investors because they provide additional information about our underlying operational performance and trends. These key performance indicators (KPIs) may not be defined or calculated in the same way as similar KPIs used by other companies. For information on how these metrics are defined, see Key Metrics on page 102.

Our consolidated key performance indicators, which include various equity and credit metrics, are presented in Table 1 on page 4 and Table 5 on page 8.

For information on key segment performance metrics, see Business Segment Operations on page 11.

Table 5 **Selected Quarterly Financial Data**

	2021 Quarters			2020 Quarters		Nine Months Ended September 30	
	Third	Second	First	Fourth	Third	2021	2020
(In millions, except per share information)							
Income statement							
Net interest income	\$ 11,094	\$ 10,233	\$ 10,197	\$ 10,253	\$ 10,129	\$ 31,524	\$ 33,107
Noninterest income	11,672	11,233	12,624	9,846	10,207	35,529	32,322
Total revenue, net of interest expense	22,766	21,466	22,821	20,099	20,336	67,053	65,429
Provision for credit losses	(624)	(1,621)	(1,860)	53	1,389	(4,105)	11,267
Noninterest expense	14,440	15,045	15,515	13,927	14,401	45,000	41,286
Income before income taxes	8,950	8,042	9,166	6,119	4,546	26,158	12,876
Income tax expense	1,259	(1,182)	1,116	649	(335)	1,193	452
Net income	7,691	9,224	8,050	5,470	4,881	24,965	12,424
Net income applicable to common shareholders	7,260	8,964	7,560	5,208	4,440	23,784	11,265
Average common shares issued and outstanding	8,430.7	8,620.8	8,700.1	8,724.9	8,732.9	8,583.1	8,762.6
Average diluted common shares issued and outstanding	8,492.8	8,735.5	8,755.6	8,785.0	8,777.5	8,702.2	8,800.5
Performance ratios							
Return on average assets ⁽¹⁾	0.9%	1.2%	1.1%	0.7%	0.7%	1.1%	0.6%
Four-quarter trailing return on average assets ⁽²⁾	1.04	0.97	0.79	0.67	0.75	n/a	n/a
Return on average common shareholders' equity ⁽¹⁾	11.43	14.33	12.28	8.39	7.24	12.67	6.20
Return on average tangible common shareholders' equity ⁽³⁾	15.85	19.90	17.08	11.73	10.16	17.61	8.71
Return on average shareholders' equity ⁽¹⁾	11.08	13.47	11.91	8.03	7.26	12.15	6.24
Return on average tangible shareholders' equity ⁽³⁾	14.87	18.11	16.01	10.84	9.84	16.33	8.46
Total ending equity to total ending assets	8.83	9.15	9.23	9.68	9.82	8.83	9.82
Total average equity to total average assets	8.95	9.11	9.52	9.71	9.76	9.19	10.05
Dividend payout	24.10	17.25	20.68	30.11	35.36	20.43	41.90
Per common share data							
Earnings	\$ 0.86	\$ 1.04	\$ 0.87	\$ 0.60	\$ 0.51	\$ 2.77	\$ 1.29
Diluted earnings	0.85	1.03	0.86	0.59	0.51	2.75	1.28
Dividends paid	0.21	0.18	0.18	0.18	0.18	0.57	0.54
Book value ⁽¹⁾	30.22	29.89	29.07	28.72	28.33	30.22	28.33
Tangible book value ⁽³⁾	21.69	21.61	20.90	20.60	20.23	21.69	20.23
Market capitalization							
	\$ 349,841	\$ 349,925	\$ 332,337	\$ 262,206	\$ 208,656	\$ 349,841	\$ 208,656
Average balance sheet							
Total loans and leases	\$ 920,509	\$ 907,900	\$ 907,723	\$ 934,798	\$ 974,018		
Total assets	3,076,452	3,015,113	2,879,221	2,791,874	2,739,684		
Total deposits	1,942,705	1,888,834	1,805,747	1,737,139	1,695,488		
Long-term debt	248,988	232,034	220,836	225,423	224,254		
Common shareholders' equity	252,043	250,948	249,648	246,840	243,896		
Total shareholders' equity	275,484	274,632	274,047	271,020	267,323		
Asset quality							
Allowance for credit losses ⁽⁴⁾	\$ 14,693	\$ 15,782	\$ 17,997	\$ 20,680	\$ 21,506		
Nonperforming loans, leases and foreclosed properties ⁽⁵⁾	4,831	5,031	5,299	5,116	4,730		
Allowance for loan and lease losses as a percentage of total loans and leases outstanding ^(f)	1.43%	1.55%	1.80%	2.04%	2.07%		
Allowance for loan and lease losses as a percentage of total nonperforming loans and leases ^(f)	279	287	313	380	431		
Net charge-offs	\$ 463	\$ 595	\$ 823	\$ 881	\$ 972		
Annualized net charge-offs as a percentage of average loans and leases outstanding ^(g)	0.20%	0.27%	0.37%	0.38%	0.40%		
Capital ratios at period end^(h)							
Common equity tier 1 capital	11.1%	11.5%	11.8%	11.9%	11.9%		
Tier 1 capital	12.6	13.0	13.3	13.5	13.5		
Total capital	14.7	15.1	15.6	16.1	16.1		
Tier 1 leverage	6.6	6.9	7.2	7.4	7.4		
Supplementary leverage ratio	5.6	5.9	7.0	7.2	6.9		
Tangible equity ⁽³⁾	6.7	7.0	7.0	7.4	7.4		
Tangible common equity ⁽³⁾	5.9	6.2	6.2	6.5	6.6		
Total loss-absorbing capacity and long-term debt metrics							
Total loss-absorbing capacity to risk-weighted assets	27.7%	27.7%	26.8%	27.4%	26.9%		
Total loss-absorbing capacity to supplementary leverage exposure	12.4	12.5	14.1	14.5	13.7		
Eligible long-term debt to risk-weighted assets	14.4	14.1	13.0	13.3	12.9		
Eligible long-term debt to supplementary leverage exposure	6.4	6.3	6.8	7.1	6.6		

⁽¹⁾ For definitions, see Key Metrics on page 102.⁽²⁾ Calculated as total net income for four consecutive quarters divided by annualized average assets for four consecutive quarters.⁽³⁾ Tangible equity ratios and tangible book value per share of common stock are non-GAAP financial measures. For more information on these ratios and corresponding reconciliations to GAAP financial measures, see Supplemental Financial Data on page 7 and Non-GAAP Reconciliations on page 48.⁽⁴⁾ Includes the allowance for loan and lease losses and the reserve for unfunded lending commitments.⁽⁵⁾ Balances and ratios do not include loans accounted for under the fair value option. For additional exclusions from nonperforming loans, leases and foreclosed properties, see Consumer Portfolio Credit Risk Management – Nonperforming Consumer Loans, Leases and Foreclosed Properties Activity on page 34 and corresponding Table 25 and Commercial Portfolio Credit Risk Management – Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity on page 39 and corresponding Table 32.⁽⁶⁾ For more information, including which approach is used to assess capital adequacy, see Capital Management on page 22.

n/a = not applicable

Table 6 **Quarterly Average Balances and Interest Rates - FTE Basis**

	Average Balance	Interest Income/ Expense ⁽¹⁾	Yield/ Rate	Average Balance	Interest Income/ Expense ⁽¹⁾	Yield/ Rate
(Dollars in millions)	Third Quarter 2021			Third Quarter 2020		
Earning assets						
Interest-bearing deposits with the Federal Reserve, non-U.S. central banks and other banks	\$ 240,054	\$ 50	0.08 %	\$ 245,682	\$ 10	0.02 %
Time deposits placed and other short-term investments	6,419	4	0.24	7,686	(4)	(0.25)
Federal funds sold and securities borrowed or purchased under agreements to resell	270,094	6	0.01	384,221	55	0.06
Trading account assets	147,196	979	2.64	146,972	960	2.60
Debt securities	949,009	3,296	1.39	533,261	2,147	1.63
Loans and leases ⁽²⁾						
Residential mortgage	215,652	1,487	2.76	237,414	1,811	3.05
Home equity	30,069	263	3.47	37,897	284	2.99
Credit card	75,569	1,952	10.25	81,309	2,086	10.20
Direct/Indirect and other consumer ⁽³⁾	98,148	578	2.34	89,559	593	2.63
Total consumer	419,438	4,280	4.06	446,179	4,774	4.26
U.S. commercial	323,659	2,315	2.84	343,533	2,165	2.51
Non-U.S. commercial	101,967	446	1.73	102,938	465	1.80
Commercial real estate ⁽⁴⁾	59,881	378	2.51	63,262	393	2.47
Commercial lease financing	15,564	116	2.98	18,106	138	3.04
Total commercial	501,071	3,255	2.58	527,839	3,161	2.38
Total loans and leases	920,509	7,535	3.25	974,018	7,935	3.25
Other earning assets	120,734	567	1.86	83,086	497	2.39
Total earning assets	2,654,015	12,437	1.86	2,374,926	11,600	1.95
Cash and due from banks	30,101			32,714		
Other assets, less allowance for loan and lease losses	392,336			332,044		
Total assets	\$ 3,076,452			\$ 2,739,684		
Interest-bearing liabilities						
U.S. interest-bearing deposits						
Demand and money market deposits	\$ 931,964	\$ 79	0.03 %	\$ 842,987	\$ 93	0.04 %
Time and savings deposits	162,337	41	0.10	164,648	116	0.28
Total U.S. interest-bearing deposits	1,094,301	120	0.04	1,007,635	209	0.08
Non-U.S. interest-bearing deposits	84,098	13	0.06	75,485	18	0.09
Total interest-bearing deposits	1,178,399	133	0.04	1,083,120	227	0.08
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	324,582	(41)	(0.05)	286,582	(24)	(0.03)
Trading account liabilities	56,496	285	2.00	39,689	212	2.13
Long-term debt	248,988	865	1.37	224,254	942	1.67
Total interest-bearing liabilities	1,808,465	1,242	0.27	1,633,645	1,357	0.33
Noninterest-bearing sources						
Noninterest-bearing deposits	764,306			612,368		
Other liabilities ⁽⁵⁾	228,197			226,348		
Shareholders' equity	275,484			267,323		
Total liabilities and shareholders' equity	\$ 3,076,452			\$ 2,739,684		
Net interest spread			1.59 %			1.62 %
Impact of noninterest-bearing sources			0.09			0.10
Net interest income/yield on earning assets ⁽⁶⁾		\$ 11,195	1.68 %		\$ 10,243	1.72 %

⁽¹⁾ Includes the impact of interest rate risk management contracts. For more information, see Interest Rate Risk Management for the Banking Book on page 46.

⁽²⁾ Nonperforming loans are included in the respective average loan balances. Income on these nonperforming loans is generally recognized on a cost recovery basis.

⁽³⁾ Includes non-U.S. consumer loans of \$2.9 billion for both the third quarter of 2021 and 2020.

⁽⁴⁾ Includes U.S. commercial real estate loans of \$56.0 billion and \$59.6 billion, and non-U.S. commercial real estate loans of \$3.9 billion and \$3.7 billion for the third quarter of 2021 and 2020.

⁽⁵⁾ Includes \$29.6 billion and \$34.2 billion of structured notes and liabilities for the third quarter of 2021 and 2020.

⁽⁶⁾ Net interest income includes FTE adjustments of \$101 million and \$114 million for the third quarter of 2021 and 2020.

Table 7 Year-to-Date Average Balances and Interest Rates - FTE Basis

	Average Balance	Interest Income/ Expense ⁽¹⁾	Yield/ Rate	Average Balance	Interest Income/ Expense ⁽¹⁾	Yield/ Rate
	Nine Months Ended September 30					
	2021			2020		
(Dollars in millions)						
Earning assets						
Interest-bearing deposits with the Federal Reserve, non-U.S. central banks and other banks	\$ 255,136	\$ 106	0.06 %	\$ 230,265	\$ 311	0.18 %
Time deposits placed and other short-term investments	7,738	8	0.14	9,070	31	0.45
Federal funds sold and securities borrowed or purchased under agreements to resell	263,581	(43)	(0.02)	325,356	900	0.37
Trading account assets	148,205	2,831	2.55	149,002	3,247	2.91
Debt securities	878,437	8,875	1.36	491,664	7,477	2.05
Loans and leases ⁽²⁾						
Residential mortgage	216,239	4,514	2.78	239,623	5,678	3.16
Home equity	31,761	811	3.41	39,078	1,013	3.46
Credit card	74,383	5,775	10.38	87,302	6,690	10.24
Direct/Indirect and other consumer ⁽³⁾	94,658	1,698	2.40	89,824	1,962	2.92
Total consumer	417,041	12,798	4.10	455,827	15,343	4.49
U.S. commercial ⁽⁴⁾	322,773	6,415	2.66	349,616	7,601	2.90
Non-U.S. commercial ⁽⁴⁾	96,445	1,284	1.78	110,096	1,781	2.16
Commercial real estate ⁽⁵⁾	59,632	1,114	2.50	64,062	1,406	2.93
Commercial lease financing	16,200	356	2.94	18,872	427	3.02
Total commercial	495,050	9,169	2.48	542,646	11,215	2.76
Total loans and leases	912,091	21,967	3.22	998,473	26,558	3.55
Other earning assets	106,978	1,696	2.12	81,079	1,986	3.27
Total earning assets	2,572,166	35,440	1.84	2,284,909	40,510	2.37
Cash and due from banks	31,886			30,663		
Other assets, less allowance for loan and lease losses	386,932			331,035		
Total assets	\$ 2,990,984			\$ 2,646,607		
Interest-bearing liabilities						
U.S. interest-bearing deposits						
Demand and money market deposits	\$ 912,547	\$ 234	0.03 %	\$ 821,324	\$ 898	0.15 %
Time and savings deposits	161,156	132	0.11	175,275	658	0.50
Total U.S. interest-bearing deposits	1,073,703	366	0.05	996,599	1,556	0.21
Non-U.S. interest-bearing deposits	82,743	28	0.04	76,438	228	0.40
Total interest-bearing deposits	1,156,446	394	0.05	1,073,037	1,784	0.22
Federal funds purchased, securities loaned or sold under agreements to repurchase, short-term borrowings and other interest-bearing liabilities	312,826	(205)	(0.09)	295,483	1,024	0.46
Trading account liabilities	52,797	824	2.09	42,838	764	2.38
Long-term debt	234,056	2,581	1.48	218,766	3,445	2.10
Total interest-bearing liabilities	1,756,125	3,594	0.27	1,630,124	7,017	0.58
Noninterest-bearing sources						
Noninterest-bearing deposits	723,151			524,994		
Other liabilities ⁽⁶⁾	236,982			225,427		
Shareholders' equity	274,726			266,062		
Total liabilities and shareholders' equity	\$ 2,990,984			\$ 2,646,607		
Net interest spread			1.57 %			1.79 %
Impact of noninterest-bearing sources			0.09			0.17
Net interest income/yield on earning assets ⁽⁷⁾	\$ 31,846		1.66 %	\$ 33,493		1.96 %

⁽¹⁾ Includes the impact of interest rate risk management contracts. For more information, see Interest Rate Risk Management for the Banking Book on page 46.

⁽²⁾ Nonperforming loans are included in the respective average loan balances. Income on these nonperforming loans is generally recognized on a cost recovery basis.

⁽³⁾ Includes non-U.S. consumer loans of \$3.0 billion and \$2.9 billion for the nine months ended September 30, 2021 and 2020.

⁽⁴⁾ Certain prior-period amounts have been reclassified to conform to current-period presentation.

⁽⁵⁾ Includes U.S. commercial real estate loans of \$56.2 billion and \$60.4 billion, and non-U.S. commercial real estate loans of \$3.4 billion and \$3.7 billion for the nine months ended September 30, 2021 and 2020.

⁽⁶⁾ Includes \$30.5 billion and \$35.1 billion of structured notes and liabilities for the nine months ended September 30, 2021 and 2020.

⁽⁷⁾ Net interest income includes FTE adjustments of \$322 million and \$386 million for the nine months ended September 30, 2021 and 2020.

Business Segment Operations

Segment Description and Basis of Presentation

We report our results of operations through four business segments: *Consumer Banking*, *GWIM*, *Global Banking* and *Global Markets*, with the remaining operations recorded in *All Other*. We manage our segments and report their results on an FTE basis. For more information, see Business Segment Operations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

We periodically review capital allocated to our businesses and allocate capital annually during the strategic and capital planning processes. We utilize a methodology that considers the effect of regulatory capital requirements in addition to internal risk-based capital models. Our internal risk-based capital models use a risk-adjusted methodology incorporating each segment's credit, market, interest rate, business and operational risk components. For more information on the nature of these risks, see Managing Risk on page 22. The capital allocated to the business segments is referred to as

allocated capital. Allocated equity in the reporting units is comprised of allocated capital plus capital for the portion of goodwill and intangibles specifically assigned to the reporting unit. For more information, including the definition of a reporting unit, see *Note 7 – Goodwill and Intangible Assets* to the Consolidated Financial Statements.

For more information on our presentation of financial information on an FTE basis, see Supplemental Financial Data on page 7, and for reconciliations to consolidated total revenue, net income and period-end total assets, see *Note 17 – Business Segment Information* to the Consolidated Financial Statements.

Key Performance Indicators

We present certain key financial and nonfinancial performance indicators that management uses when evaluating segment results. We believe they are useful to investors because they provide additional information about our segments' operational performance, customer trends and business growth.

Consumer Banking

	Deposits		Consumer Lending		Total Consumer Banking				
	Three Months Ended September 30								
(Dollars in millions)	2021	2020	2021	2020	2021	2020		% Change	
Net interest income	\$ 3,731	\$ 3,245	\$ 2,762	\$ 2,645	\$ 6,493	\$ 5,890		10 %	
Noninterest income:									
Card income	(7)	(4)	1,324	1,224	1,317	1,220		8	
Service charges	935	837	—	—	935	837		12	
All other income	56	84	37	8	93	92		1	
Total noninterest income	984	917	1,361	1,232	2,345	2,149		9	
Total revenue, net of interest expense	4,715	4,162	4,123	3,877	8,838	8,039		10	
Provision for credit losses	53	59	194	420	247	479		(48)	
Noninterest expense	2,725	2,937	1,833	1,905	4,558	4,842		(6)	
Income before income taxes	1,937	1,166	2,096	1,552	4,033	2,718		48	
Income tax expense	474	286	514	380	988	666		48	
Net income	\$ 1,463	\$ 880	\$ 1,582	\$ 1,172	\$ 3,045	\$ 2,052		48	
Effective tax rate ⁽¹⁾					24.5 %	24.5 %			
Net interest yield	1.49 %	1.52 %	3.95 %	3.35 %	2.49	2.61			
Return on average allocated capital	48	29	24	18	31	21			
Efficiency ratio	57.75	70.60	44.48	49.13	51.56	60.24			
Balance Sheet									
	Three Months Ended September 30								
Average	2021	2020	2021	2020	2021	2020		% Change	
Total loans and leases	\$ 4,387	\$ 5,046	\$ 276,993	\$ 313,705	\$ 281,380	\$ 318,751		(12) %	
Total earning assets ⁽²⁾	991,186	849,190	277,491	314,079	1,034,471	896,867		15	
Total assets ⁽²⁾	1,026,811	886,406	283,631	316,107	1,076,236	936,112		15	
Total deposits	993,624	853,452	7,141	7,547	1,000,765	860,999		16	
Allocated capital	12,000	12,000	26,500	26,500	38,500	38,500		—	

⁽¹⁾ Estimated at the segment level only.

⁽²⁾ In segments and businesses where the total of liabilities and equity exceeds assets, we allocate assets from *All Other* to match the segments' and businesses' liabilities and allocated shareholders' equity. As a result, total earning assets and total assets of the businesses may not equal total *Consumer Banking*.

	Deposits		Consumer Lending		Total Consumer Banking		
	Nine Months Ended September 30						
(Dollars in millions)	2021	2020	2021	2020	2021	2020	% Change
Net interest income	\$ 10,489	\$ 10,491	\$ 7,897	\$ 8,252	\$ 18,386	\$ 18,743	(2)%
Noninterest income:							
Card income	(19)	(15)	3,837	3,399	3,818	3,384	13
Service charges	2,615	2,537	2	1	2,617	2,538	3
All other income	151	244	121	111	272	355	(23)
Total noninterest income	2,747	2,766	3,960	3,511	6,707	6,277	7
Total revenue, net of interest expense	13,236	13,257	11,857	11,763	25,093	25,020	—
Provision for credit losses	174	328	(1,241)	5,433	(1,067)	5,761	(119)
Noninterest expense	8,789	8,532	5,759	5,542	14,548	14,074	3
Income before income taxes	4,273	4,397	7,339	788	11,612	5,185	124
Income tax expense	1,047	1,077	1,798	193	2,845	1,270	124
Net income	\$ 3,226	\$ 3,320	\$ 5,541	\$ 595	\$ 8,767	\$ 3,915	124
Effective tax rate ⁽¹⁾					24.5 %	24.5 %	
Net interest yield	1.46 %	1.76 %	3.76 %	3.51 %	2.45	2.98	
Return on average allocated capital	36	37	28	3	30	14	
Efficiency ratio	66.40	64.36	48.57	47.11	57.97	56.25	

Balance Sheet

	Nine Months Ended September 30						
Average	2021	2020	2021	2020	2021	2020	% Change
Total loans and leases	\$ 4,479	\$ 5,264	\$ 280,165	\$ 313,820	\$ 284,644	\$ 319,084	(11)%
Total earning assets ⁽²⁾	957,561	794,371	280,617	314,275	1,001,590	838,792	19
Total assets ⁽²⁾	994,562	829,505	285,813	318,214	1,043,787	877,866	19
Total deposits	961,266	796,591	7,006	6,411	968,272	803,002	21
Allocated capital	12,000	12,000	26,500	26,500	38,500	38,500	—
Period end	September 30 2021	December 31 2020	September 30 2021	December 31 2020	September 30 2021	December 31 2020	% Change
Total loans and leases	\$ 4,345	\$ 4,673	\$ 276,458	\$ 295,261	\$ 280,803	\$ 299,934	(6)%
Total earning assets ⁽²⁾	1,006,593	899,951	277,056	295,627	1,050,331	945,343	11
Total assets ⁽²⁾	1,041,487	939,629	283,262	299,185	1,091,431	988,580	10
Total deposits	1,008,051	906,092	7,225	6,560	1,015,276	912,652	11

See page 11 for footnotes.

Consumer Banking, comprised of Deposits and Consumer Lending, offers a diversified range of credit, banking and investment products and services to consumers and small businesses. For more information about *Consumer Banking*, see Business Segment Operations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Consumer Banking Results

Three-Month Comparison

Net income for *Consumer Banking* increased \$993 million to \$3.0 billion due to higher revenue, lower noninterest expense and lower provision for credit losses. Net interest income increased \$603 million to \$6.5 billion primarily due to the benefit of higher deposit balances, the allocation of asset and liability management (ALM) results and the recognition of capitalized loan fees due to PPP loan forgiveness, partially offset by lower residential mortgage and card balances. Noninterest income increased \$196 million to \$2.3 billion driven by higher service charges and card income due to increased client activity.

The provision for credit losses decreased \$232 million to \$247 million primarily due to credit quality improvements. Noninterest expense decreased \$284 million to \$4.6 billion primarily driven by lower COVID-19 related costs.

The return on average allocated capital was 31 percent, up from 21 percent, driven by higher net income. For more

information on capital allocated to the business segments, see Business Segment Operations on page 11.

Nine-Month Comparison

Net income for *Consumer Banking* increased \$4.9 billion to \$8.8 billion primarily due to lower provision for credit losses, partially offset by higher noninterest expense. Net interest income decreased \$357 million to \$18.4 billion primarily due to lower interest rates and loan balances and the allocation of ALM results, partially offset by the benefit of higher deposit balances and the recognition of capitalized loan fees due to PPP loan forgiveness. Noninterest income increased \$430 million to \$6.7 billion primarily due to the same factors as described in the three-month discussion.

The provision for credit losses improved \$6.8 billion to a benefit of \$1.1 billion primarily driven by reserve releases due to improvements in the macroeconomic outlook and credit quality. Noninterest expense increased \$474 million to \$14.5 billion primarily driven by an impairment charge for real estate rationalization, the contribution to the Bank of America Foundation, cost of increased client activity and continued investments for business growth, including the merchant services platform, partially offset by lower COVID-19 related costs.

The return on average allocated capital was 30 percent, up from 14 percent, driven by higher net income.

Deposits

Three-Month Comparison

Net income for Deposits increased \$583 million to \$1.5 billion primarily driven by higher revenue and lower noninterest expense. Net interest income increased \$486 million to \$3.7 billion primarily due to the benefit of higher deposit balances and the allocation of ALM results. Noninterest income increased \$67 million to \$984 million primarily driven by higher service charges due to increased client activity.

Noninterest expense decreased \$212 million to \$2.7 billion primarily driven by lower COVID-19 related costs.

Average deposits increased \$140.2 billion to \$993.6 billion primarily due to net inflows of \$74.7 billion in checking and time deposits and \$65.0 billion in traditional savings and money market savings driven by strong organic growth.

Nine-Month Comparison

Net income for Deposits decreased \$94 million to \$3.2 billion

primarily due to higher noninterest expense, partially offset by lower provision for credit losses.

The provision for credit losses decreased \$154 million to \$174 million due to an improved macroeconomic outlook. Noninterest expense increased \$257 million to \$8.8 billion primarily driven by an impairment charge for real estate rationalization, and the cost of increased client activity and continued investments for business growth, partially offset by lower COVID-19 related costs.

Average deposits increased \$164.7 billion to \$961.3 billion primarily due to net inflows of \$93.8 billion in checking and time deposits and \$70.1 billion in traditional savings and money market savings driven by strong organic growth and continued government stimulus measures.

The table below provides key performance indicators for Deposits. Management uses these metrics, and we believe they are useful to investors because they provide additional information to evaluate our deposit profitability and digital/mobile trends.

Key Statistics – Deposits

Total deposit spreads (excludes noninterest costs) ⁽¹⁾

Period End

Consumer investment assets (in millions) ⁽²⁾

Active digital banking users (in thousands) ⁽³⁾

Active mobile banking users (in thousands) ⁽⁴⁾

Financial centers

ATMs

Three Months Ended September 30		Nine Months Ended September 30	
2021	2020	2021	2020
1.68%	1.87%	1.70%	1.98%
		\$ 353,280	\$ 266,733
		40,911	39,267
		32,455	30,601
		4,215	4,309
		16,513	16,962

⁽¹⁾ Includes deposits held in Consumer Lending.

⁽²⁾ Includes client brokerage assets, deposit sweep balances and AUM in *Consumer Banking*.

⁽³⁾ Represents mobile and/or online active users over the past 90 days.

⁽⁴⁾ Represents mobile active users over the past 90 days.

Consumer investment assets increased \$86.5 billion to \$353.3 billion driven by market performance and client flows. Active mobile banking users increased approximately two million, reflecting continuing changes in our customers' banking preferences. We had a net decrease of 94 financial centers as we continue to optimize our consumer banking network.

Consumer Lending

Three-Month Comparison

Net income for Consumer Lending was \$1.6 billion, an increase of \$410 million, primarily due to higher revenue and lower provision for credit losses. Net interest income increased \$117 million to \$2.8 billion primarily driven by the recognition of capitalized loan fees due to PPP loan forgiveness. Noninterest income increased \$129 million to \$1.4 billion primarily driven by higher card income due to increased client activity.

The provision for credit losses decreased \$226 million to \$194 million primarily due to credit quality improvements. Noninterest expense decreased \$72 million to \$1.8 billion primarily driven by lower COVID-19 related costs.

Average loans decreased \$36.7 billion to \$277.0 billion primarily driven by a decline in residential mortgage, PPP and credit card loans.

Nine-Month Comparison

Net income for Consumer Lending was \$5.5 billion, an increase of \$4.9 billion, primarily due to improvement in the provision for credit losses. Net interest income declined \$355 million to \$7.9 billion primarily due to lower interest rates and loan balances. Noninterest income increased \$449 million to \$4.0 billion primarily due to the same factor as described in the three-month discussion.

The provision for credit losses improved \$6.7 billion to a benefit of \$1.2 billion primarily driven by reserve releases due to improvements in the macroeconomic outlook and credit quality. Noninterest expense increased \$217 million to \$5.8 billion primarily driven by continued investments for business growth, partially offset by lower COVID-19 related costs.

Average loans decreased \$33.7 billion to \$280.2 billion primarily driven by a decline in residential mortgage and credit card loans.

The table below provides key performance indicators for Consumer Lending. Management uses these metrics, and we believe they are useful to investors because they provide additional information about loan growth and profitability.

Key Statistics – Consumer Lending

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Total credit card ⁽¹⁾				
Gross interest yield ⁽²⁾	10.10%	10.16%	10.24%	10.21%
Risk-adjusted margin ⁽³⁾	10.70	9.66	9.93	8.66
New accounts (in thousands)	1,049	487	2,654	1,991
Purchase volumes	\$ 80,925 \$	64,060 \$	223,900 \$	182,133
Debit card purchase volumes	\$ 119,680 \$	102,004 \$	349,492 \$	280,222

⁽¹⁾ Includes GWIM's credit card portfolio.

⁽²⁾ Calculated as the effective annual percentage rate divided by average loans.

⁽³⁾ Calculated as the difference between total revenue, net of interest expense, and net credit losses divided by average loans.

During the three and nine months ended September 30, 2021, the total risk-adjusted margin increased 104 bps and 127 bps primarily driven by lower net credit losses, higher net interest margin, and higher fee income. During the three and nine months ended September 30, 2021, total credit card purchase volumes increased \$16.9 billion to \$80.9 billion, and \$41.8 billion to \$223.9 billion as spending continued to

recover, with improvements across all categories, primarily in retail and travel. During the three and nine months ended September 30, 2021, debit card purchase volumes increased \$17.7 billion to \$119.7 billion, and \$69.3 billion to \$349.5 billion due to continued retail growth from the pandemic recovery, as well as the impact of government stimulus measures, and tax refunds.

Key Statistics – Residential Mortgage Loan Production ⁽¹⁾

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Consumer Banking:				
First mortgage	\$ 12,510	\$ 7,298	\$ 33,194	\$ 35,228
Home equity	1,262	738	2,579	6,555
Total ⁽²⁾ :				
First mortgage	\$ 21,232	\$ 13,360	\$ 56,731	\$ 55,422
Home equity	1,523	984	3,192	7,691

⁽¹⁾ The loan production amounts represent the unpaid principal balance of loans and, in the case of home equity, the principal amount of the total line of credit.

⁽²⁾ In addition to loan production in Consumer Banking, there is also first mortgage and home equity loan production in GWIM.

First mortgage loan originations for Consumer Banking and the total Corporation increased \$5.2 billion and \$7.9 billion during the three months ended September 30, 2021 primarily due to higher demand driven by lower interest rates. During the nine months ended September 30, 2021, Consumer Banking decreased \$2.0 billion and the total Corporation increased \$1.3 billion, primarily driven by changes in demand.

Home equity production in Consumer Banking and for the total Corporation increased \$524 million and \$539 million during the three months ended September 30, 2021 primarily driven by higher demand. Consumer Banking and the total Corporation decreased \$4.0 billion and \$4.5 billion during the nine months ended September 30, 2021, primarily driven by lower demand due to increased borrower liquidity.

Global Wealth & Investment Management

(Dollars in millions)	Three Months Ended September 30			Nine Months Ended September 30		
	2021	2020	% Change	2021	2020	% Change
Net interest income	\$ 1,451	\$ 1,237	17 %	\$ 4,137	\$ 4,186	(1) %
Noninterest income:						
Investment and brokerage services	3,683	3,105	19	10,610	9,081	17
All other income	176	204	(14)	599	640	(6)
Total noninterest income	3,859	3,309	17	11,209	9,721	15
Total revenue, net of interest expense	5,310	4,546	17	15,346	13,907	10
Provision for credit losses	(58)	24	n/m	(185)	349	n/m
Noninterest expense	3,745	3,533	6	11,425	10,596	8
Income before income taxes	1,623	989	64	4,106	2,962	39
Income tax expense	398	242	64	1,006	726	39
Net income	\$ 1,225	\$ 747	64	\$ 3,100	\$ 2,236	39
Effective tax rate	24.5 %	24.5 %		24.5 %	24.5 %	
Net interest yield	1.54	1.53		1.51	1.81	
Return on average allocated capital	30	20		25	20	
Efficiency ratio	70.51	77.70		74.45	76.19	

Balance Sheet

Average	Three Months Ended September 30			Nine Months Ended September 30		
	2021	2020	% Change	2021	2020	% Change
Total loans and leases	\$ 199,664	\$ 185,587	8 %	\$ 194,090	\$ 182,138	7 %
Total earning assets	373,691	321,410	16	367,239	309,240	19
Total assets	386,346	333,794	16	379,802	321,565	18
Total deposits	339,357	291,845	16	333,119	280,828	19
Allocated capital	16,500	15,000	10	16,500	15,000	10

Period end

	September 30	December 31	% Change
	2021	2020	
Total loans and leases	\$ 202,268	\$ 188,562	7 %
Total earning assets	380,857	356,873	7
Total assets	393,708	369,736	6
Total deposits	345,590	322,157	7

n/m = not meaningful

GWIM consists of two primary businesses: Merrill Lynch Global Wealth Management (MLGWM) and Bank of America Private Bank. For more information about GWIM, see Business Segment Operations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Three-Month Comparison

Net income for GWIM increased \$478 million to \$1.2 billion primarily driven by higher revenue, partially offset by higher noninterest expense. The operating margin was 31 percent compared to 22 percent a year ago.

Net interest income increased \$214 million to \$1.5 billion primarily due to the benefits of loan and deposit growth.

Noninterest income, which primarily includes investment and brokerage services income, increased \$550 million to \$3.9 billion primarily due to higher market valuations and positive AUM flows, partially offset by declines in AUM pricing.

The provision for credit losses improved \$82 million to a benefit of \$58 million primarily due to credit quality improvements. Noninterest expense increased \$212 million to \$3.7 billion primarily driven by higher revenue-related incentives.

The return on average allocated capital was 30 percent, up from 20 percent, due to higher net income, partially offset by an increase in allocated capital. For more information on capital allocated to the business segments, see Business Segment Operations on page 11.

Average loans increased \$14.1 billion to \$199.7 billion primarily driven by securities-based lending, custom lending and

residential mortgage. Average deposits increased \$47.5 billion to \$339.4 billion primarily driven by inflows from new accounts and client responses to market volatility.

MLGWM revenue of \$4.5 billion increased 19 percent primarily driven by the benefits of higher market valuations and positive AUM flows.

Bank of America Private Bank revenue of \$839 million increased five percent primarily driven by the benefits of higher market valuations and AUM flows, partially offset by the realignment of certain business results to MLGWM.

Nine-Month Comparison

Net income for GWIM increased \$864 million to \$3.1 billion due to the same factors as described in the three-month discussion. The operating margin was 27 percent compared to 21 percent a year ago.

Net interest income decreased \$49 million to \$4.1 billion due to lower interest rates, partially offset by the benefits of deposit and loan growth.

Noninterest income, which primarily includes investment and brokerage services income, increased \$1.5 billion to \$11.2 billion due to the same factors as described in the three-month discussion.

The provision for credit losses improved \$534 million to a benefit of \$185 million primarily due to improvements in the macroeconomic outlook and credit quality. Noninterest expense increased \$829 million to \$11.4 billion, primarily due to the same factor as described in the three-month discussion.

The return on average allocated capital was 25 percent, up from 20 percent, due to the same factors as described in the three-month discussion.

Average loans increased \$12.0 billion to \$194.1 billion, and average deposits increased \$52.3 billion to \$333.1 billion. The changes in average loans and deposits were both primarily due to the same factors as described in the three-month discussion.

MLGWM revenue of \$12.9 billion increased 13 percent primarily driven by the benefits of higher market valuations,

positive AUM flows and loan and deposit growth, partially offset by the impact of lower interest rates.

Bank of America Private Bank revenue of \$2.4 billion decreased one percent primarily driven by the realignment of certain business results to MLGWM and lower interest rates, partially offset by the benefits of higher market valuations and AUM flows.

Key Indicators and Metrics

(Dollars in millions)

Revenue by Business

Merrill Lynch Global Wealth Management

Bank of America Private Bank

Total revenue, net of interest expense

Client Balances by Business, at period end

Merrill Lynch Global Wealth Management

Bank of America Private Bank

Total client balances

Client Balances by Type, at period end

Assets under management

Brokerage and other assets

Deposits

Loans and leases ⁽¹⁾

Less: Managed deposits in assets under management

Total client balances

Assets Under Management Rollforward

Assets under management, beginning of period

Net client flows

Market valuation/other

Total assets under management, end of period

Total wealth advisors, at period end ⁽²⁾

Three Months Ended September 30		Nine Months Ended September 30	
2021	2020	2021	2020
\$ 4,471	\$ 3,748	\$ 12,916	\$ 11,446
839	798	2,430	2,461
\$ 5,310	\$ 4,546	\$ 15,346	\$ 13,907
		\$ 3,108,358	\$ 2,570,252
		584,475	496,369
		\$ 3,692,833	\$ 3,066,621
		\$ 1,578,630	\$ 1,286,145
		1,612,472	1,344,538
		345,590	295,893
		205,055	189,952
		(48,914)	(49,907)
		\$ 3,692,833	\$ 3,066,621
\$ 1,549,069	\$ 1,219,748	\$ 1,408,465	\$ 1,275,555
14,776	1,385	44,698	11,993
14,785	65,012	125,467	(1,403)
\$ 1,578,630	\$ 1,286,145	\$ 1,578,630	\$ 1,286,145
		18,855	20,487

⁽¹⁾ Includes margin receivables which are classified in customer and other receivables on the Consolidated Balance Sheet.

⁽²⁾ Includes advisors across all wealth management businesses in *GWIM* and *Consumer Banking*. Prior period has been revised to conform to current-period presentation.

Client Balances

Client balances increased \$626.2 billion, or 20 percent, to \$3.7 trillion at September 30, 2021 compared to September 30, 2020. The increase in client balances was primarily due to higher market valuations and positive client flows.

Global Banking

(Dollars in millions)	Three Months Ended September 30			% Change	Nine Months Ended September 30			% Change
	2021	2020			2021	2020		
Net interest income	\$ 2,186	\$ 2,028		8 %	\$ 6,150	\$ 7,003		(12) %
Noninterest income:								
Service charges	890	846		5	2,637	2,379		11
Investment banking fees	1,297	970		34	3,642	2,912		25
All other income	871	673		29	2,538	1,914		33
Total noninterest income	3,058	2,489		23	8,817	7,205		22
Total revenue, net of interest expense	5,244	4,517		16	14,967	14,208		5
Provision for credit losses	(781)	883		n/m	(2,738)	4,849		n/m
Noninterest expense	2,534	2,365		7	7,915	6,910		15
Income before income taxes	3,491	1,269		n/m	9,790	2,449		n/m
Income tax expense	942	343		n/m	2,643	661		n/m
Net income	\$ 2,549	\$ 926		n/m	\$ 7,147	\$ 1,788		n/m
Effective tax rate	27.0 %	27.0 %			27.0 %	27.0 %		
Net interest yield	1.55	1.61			1.53	1.96		
Return on average allocated capital	24	9			22	6		
Efficiency ratio	48.31	52.36			52.88	48.63		

Balance Sheet

Average	Three Months Ended September 30			% Change	Nine Months Ended September 30			% Change
	2021	2020			2021	2020		
Total loans and leases	\$ 324,736	\$ 373,118		(13) %	\$ 326,632	\$ 394,331		(17) %
Total earning assets	560,181	501,572		12	537,037	477,606		12
Total assets	621,699	557,889		11	597,947	534,061		12
Total deposits	534,166	471,288		13	509,445	449,273		13
Allocated capital	42,500	42,500		—	42,500	42,500		—
Period end	September 30		% Change	December 31		% Change		
	2021	2020		2021	2020			
Total loans and leases	\$ 328,893	\$ 339,649	(3) %					
Total earning assets	561,239	522,650	7					
Total assets	623,640	580,561	7					
Total deposits	536,476	493,748	9					

n/m = not meaningful

Global Banking, which includes Global Corporate Banking, Global Commercial Banking, Business Banking and Global Investment Banking, provides a wide range of lending-related products and services, integrated working capital management and treasury solutions, and underwriting and advisory services through our network of offices and client relationship teams. For more information about *Global Banking*, see Business Segment Operations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Three-Month Comparison

Net income for *Global Banking* increased \$1.6 billion to \$2.5 billion driven by improvement in the provision for credit losses and higher revenue, partially offset by higher noninterest expense.

Net interest income increased \$158 million to \$2.2 billion primarily due to the allocation of ALM results and the benefit of higher deposit balances, partially offset by a decline in loan balances and lower deposit spreads.

Noninterest income increased \$569 million to \$3.1 billion primarily due to higher investment banking fees and higher income from ESG investment activities.

The provision for credit losses improved \$1.7 billion to a benefit of \$781 million primarily driven by a reserve release due to credit quality improvements, whereas the reserve build in the prior-year period was driven by COVID-19 impacted industries, such as travel and entertainment.

Noninterest expense increased \$169 million primarily due to higher compensation and benefits expense, as well as higher operating costs.

The return on average allocated capital was 24 percent, up from nine percent, due to higher net income. For more information on capital allocated to the business segments, see Business Segment Operations on page 11.

Nine-Month Comparison

Net income for *Global Banking* increased \$5.4 billion to \$7.1 billion primarily due to the same factors as described in the three-month discussion.

Net interest income decreased \$853 million to \$6.2 billion primarily due to the impact of lower loan balances, lower deposit spreads and the allocation of ALM results, partially offset by the benefits of higher deposit balances and credit spreads.

Noninterest income increased \$1.6 billion to \$8.8 billion driven by higher investment banking fees, higher valuation-driven adjustments on the fair value loan portfolio, debt securities and leveraged loans, as well as higher treasury and credit service charges.

The provision for credit losses improved \$7.6 billion to a benefit of \$2.7 billion primarily driven by a reserve release due to improvements in the macroeconomic outlook and credit quality.

Noninterest expense increased \$1.0 billion to \$7.9 billion, primarily due to higher revenue-related incentives and an acceleration in expenses from incentive compensation award changes, as well as higher operating costs.

The return on average allocated capital was 22 percent, up from six percent, due to higher net income.

Global Corporate, Global Commercial and Business Banking

The table below and following discussion present a summary of the results, which exclude certain investment banking, merchant services and PPP activities in *Global Banking*.

Global Corporate, Global Commercial and Business Banking

	Global Corporate Banking		Global Commercial Banking		Business Banking		Total	
	Three Months Ended September 30							
(Dollars in millions)	2021	2020	2021	2020	2021	2020	2021	2020
Revenue								
Business Lending	\$ 886	\$ 791	\$ 924	\$ 953	\$ 55	\$ 59	\$ 1,865	\$ 1,803
Global Transaction Services	821	658	819	745	227	209	1,867	1,612
Total revenue, net of interest expense	\$ 1,707	\$ 1,449	\$ 1,743	\$ 1,698	\$ 282	\$ 268	\$ 3,732	\$ 3,415

Balance Sheet

Average

Total loans and leases	\$ 147,906	\$ 174,235	\$ 159,986	\$ 175,536	\$ 12,635	\$ 13,972	\$ 320,527	\$ 363,743
Total deposits	261,951	218,593	213,319	201,523	56,891	50,946	532,161	471,062

	Global Corporate Banking		Global Commercial Banking		Business Banking		Total	
	Nine Months Ended September 30							
(Dollars in millions)	2021	2020	2021	2020	2021	2020	2021	2020
Revenue								
Business Lending	\$ 2,529	\$ 2,658	\$ 2,689	\$ 2,815	\$ 166	\$ 207	\$ 5,384	\$ 5,680
Global Transaction Services	2,245	2,314	2,334	2,432	653	682	5,232	5,428
Total revenue, net of interest expense	\$ 4,774	\$ 4,972	\$ 5,023	\$ 5,247	\$ 819	\$ 889	\$ 10,616	\$ 11,108

Balance Sheet

Average

Total loans and leases	\$ 148,101	\$ 186,220	\$ 158,939	\$ 188,147	\$ 12,778	\$ 14,721	\$ 319,818	\$ 389,088
Total deposits	245,483	214,327	207,520	188,271	55,331	46,599	508,334	449,197

Period end

Total loans and leases	\$ 150,797	\$ 165,498	\$ 162,371	\$ 168,385	\$ 12,640	\$ 13,665	\$ 325,808	\$ 347,548
Total deposits	255,981	212,564	220,738	200,591	57,766	51,889	534,485	465,044

Business Lending revenue increased \$62 million for the three months ended September 30, 2021 compared to the same period in 2020 primarily due to higher income from ESG investment activities and credit spreads, partially offset by the impact of lower loan balances. Business Lending revenue decreased \$296 million for the nine months ended September 30, 2021 primarily due to the impact of lower loan balances and interest rates, partially offset by higher credit spreads.

Global Transaction Services revenue increased \$255 million for the three months ended September 30, 2021 driven by the allocation of ALM results and the benefit of higher deposit balances, partially offset by lower deposit spreads. Global Transaction Services revenue decreased \$196 million for the nine months ended September 30, 2021 driven by lower interest rates, partially offset by the benefit of higher deposit balances.

Average loans and leases decreased 12 percent and 18 percent for the three and nine months ended September 30, 2021 driven by client paydowns and lower demand.

Average deposits increased 13 percent for both the three and nine months ended September 30, 2021 primarily driven by elevated balances from prior-year inflows on client responses to market volatility and government stimulus measures.

Global Investment Banking

Client teams and product specialists underwrite and distribute debt, equity and loan products, and provide advisory services and tailored risk management solutions. The economics of certain investment banking and underwriting activities are shared primarily between *Global Banking* and *Global Markets* under an internal revenue-sharing arrangement. *Global Banking* originates certain deal-related transactions with our corporate and commercial clients that are executed and distributed by *Global Markets*. To provide a complete discussion of our consolidated investment banking fees, the following table presents total Corporation investment banking fees and the portion attributable to *Global Banking*.

Investment Banking Fees

(Dollars in millions)	Global Banking		Total Corporation		Global Banking		Total Corporation	
	Three Months Ended September 30				Nine Months Ended September 30			
	2021	2020	2021	2020	2021	2020	2021	2020
Products								
Advisory	\$ 608	\$ 356	\$ 654	\$ 397	\$ 1,341	\$ 948	\$ 1,461	\$ 1,072
Debt issuance	401	320	933	740	1,306	1,247	3,031	2,725
Equity issuance	288	294	637	664	995	717	2,239	1,687
Gross investment banking fees	1,297	970	2,224	1,801	3,642	2,912	6,731	5,484
Self-led deals	(23)	(13)	(56)	(32)	(85)	(73)	(195)	(168)
Total investment banking fees	\$ 1,274	\$ 957	\$ 2,168	\$ 1,769	\$ 3,557	\$ 2,839	\$ 6,536	\$ 5,316

Total Corporation investment banking fees, excluding self-led deals, which are primarily included within *Global Banking* and *Global Markets*, were \$2.2 billion and \$6.5 billion for the three and nine months ended September 30, 2021. The three-month period increased 23 percent compared to the same period in 2020 primarily driven by higher advisory and debt issuance fees. The nine-month period increased 23 percent primarily driven by higher equity issuance fees as well as advisory and debt issuance fees.

Global Markets

(Dollars in millions)	Three Months Ended September 30			% Change	Nine Months Ended September 30			% Change
	2021	2020			2021	2020		
Net interest income	\$ 1,000	\$ 1,108		(10) %	\$ 2,980	\$ 3,558		(16) %
Noninterest income:								
Investment and brokerage services	470	439		7	1,504	1,487		1
Investment banking fees	844	738		14	2,784	2,280		22
Market making and similar activities	2,014	1,725		17	7,448	7,059		6
All other income	191	273		(30)	721	475		52
Total noninterest income	3,519	3,175		11	12,457	11,301		10
Total revenue, net of interest expense	4,519	4,283		6	15,437	14,859		4
Provision for credit losses	16	21		(24)	33	233		(86)
Noninterest expense	3,252	3,102		5	10,150	8,598		18
Income before income taxes	1,251	1,160		8	5,254	6,028		(13)
Income tax expense	325	302		8	1,366	1,567		(13)
Net income	\$ 926	\$ 858		8	\$ 3,888	\$ 4,461		(13)
Effective tax rate	26.0 %	26.0 %			26.0 %	26.0 %		
Return on average allocated capital	10	9			14	17		
Efficiency ratio	71.94	72.42			65.75	57.86		

Balance Sheet

	Three Months Ended September 30			% Change	Nine Months Ended September 30			% Change
	2021	2020			2021	2020		
Average								
Trading-related assets:								
Trading account securities	\$ 304,133	\$ 251,735		21 %	\$ 291,500	\$ 241,753		21 %
Reverse repurchases	117,486	100,395		17	111,330	106,968		4
Securities borrowed	101,086	86,508		17	97,205	88,734		10
Derivative assets	41,010	46,676		(12)	44,308	47,687		(7)
Total trading-related assets	563,715	485,314		16	544,343	485,142		12
Total loans and leases	97,148	72,319		34	87,535	72,702		20
Total earning assets	557,333	476,182		17	528,113	485,448		9
Total assets	804,938	680,983		18	775,552	685,685		13
Total deposits	54,650	56,475		(3)	54,699	45,002		22
Allocated capital	38,000	36,000		6	38,000	36,000		6
Period end								
Total trading-related assets					September 30 2021 \$ 536,125	December 31 2020 \$ 421,698		27 %
Total loans and leases					98,892	78,415		26
Total earning assets					526,585	447,350		18
Total assets					776,929	616,609		26
Total deposits					54,941	53,925		2

Global Markets offers sales and trading services and research services to institutional clients across fixed-income, credit, currency, commodity and equity businesses. *Global Markets* product coverage includes securities and derivative products in both the primary and secondary markets. For more information about *Global Markets*, see Business Segment Operations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

The following explanations for current period-over-period changes for *Global Markets*, including those disclosed under Sales and Trading Revenue, are the same for amounts including and excluding net DVA. Amounts excluding net DVA are a non-GAAP financial measure. For more information on net DVA, see Supplemental Financial Data on page 7.

Three-Month Comparison

Net income for *Global Markets* increased \$68 million to \$926 million primarily due to higher revenue (net of lower net DVA losses), partially offset by higher noninterest expense. Net DVA losses were \$20 million compared to \$116 million in the prior-year period. Excluding net DVA, net income decreased \$5 million to \$941 million. The decrease was primarily driven by higher noninterest expense, largely offset by higher revenue.

Revenue increased \$236 million to \$4.5 billion primarily driven by higher sales and trading revenue and investment banking income. Sales and trading revenue increased \$390 million, and excluding net DVA, increased \$294 million. These increases were driven by higher revenue in Equities, partially offset by lower revenue in FICC.

Noninterest expense increased \$150 million to \$3.3 billion driven by higher activity-based expenses for sales and trading.

Average total assets increased \$124.0 billion to \$804.9 billion driven by higher client balances in Equities, and higher levels of inventory and loan growth in FICC.

The return on average allocated capital was 10 percent, up from 9 percent, reflecting higher net income, partially offset by an increase in allocated capital. For more information on capital allocated to the business segments, see Business Segment Operations on page 11.

Nine-Month Comparison

Net income for *Global Markets* decreased \$573 million to \$3.9 billion. Net DVA losses were \$56 million compared to \$77 million in the prior-year period. Excluding net DVA, net income decreased \$589 million to \$3.9 billion. These decreases were primarily driven by higher noninterest expense.

Revenue increased \$578 million to \$15.4 billion primarily driven by higher investment banking income and sales and trading revenue. Sales and trading revenue increased \$243 million, and excluding net DVA, increased \$222 million driven by higher revenue in Equities, partially offset by a decline in FICC revenue. Noninterest expense increased \$1.6 billion to \$10.2 billion, primarily driven by higher costs associated with processing transactional card claims related to state unemployment benefits, activity-based expenses for sales and trading, and an acceleration in expenses from incentive compensation award changes.

The provision for credit losses decreased \$200 million primarily due to an improved macroeconomic outlook.

Average total assets increased \$89.9 billion to \$775.6 billion, primarily due to higher client balances in Equities and higher levels of inventory and loan growth in FICC. Period-end total assets increased \$160.3 billion since December 31, 2020 to \$776.9 billion driven by higher client balances and increased hedging of client activity with stock positions relative to derivatives in Equities, and higher levels of inventory and loan growth in FICC.

The return on average allocated capital was 14 percent, down from 17 percent, reflecting lower net income and an increase in allocated capital.

Sales and Trading Revenue

For a description of sales and trading revenue, see Business Segment Operations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K. The following table and related discussion present sales and trading revenue, substantially all of which is in *Global Markets*, with the remainder in *Global Banking*. In addition, the following table and related discussion present sales and trading revenue, excluding net DVA, which is a non-GAAP financial measure. For more information on net DVA, see Supplemental Financial Data on page 7.

Sales and Trading Revenue ^(1, 2, 3)

(Dollars in millions)

Sales and trading revenue

Fixed income, currencies and commodities

Equities

Total sales and trading revenue

Sales and trading revenue, excluding net DVA ⁽⁴⁾

Fixed income, currencies and commodities

Equities

Total sales and trading revenue, excluding net DVA

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
Fixed income, currencies and commodities	\$ 2,009	\$ 2,019	\$ 7,188	\$ 7,905
Equities	1,605	1,205	5,065	4,105
Total sales and trading revenue	\$ 3,614	\$ 3,224	\$ 12,253	\$ 12,010
Sales and trading revenue, excluding net DVA ⁽⁴⁾				
Fixed income, currencies and commodities	\$ 2,025	\$ 2,126	\$ 7,241	\$ 7,983
Equities	1,609	1,214	5,068	4,104
Total sales and trading revenue, excluding net DVA	\$ 3,634	\$ 3,340	\$ 12,309	\$ 12,087

⁽¹⁾ For more information on sales and trading revenue, see Note 3 – Derivatives to the Consolidated Financial Statements.

⁽²⁾ Includes FTE adjustments of \$99 million and \$232 million for the three and nine months ended September 30, 2021 compared to \$38 million and \$138 million for the same periods in 2020.

⁽³⁾ Includes *Global Banking* sales and trading revenue of \$138 million and \$412 million for the three and nine months ended September 30, 2021 compared to \$85 million and \$378 million for the same periods in 2020.

⁽⁴⁾ FICC and Equities sales and trading revenue, excluding net DVA, is a non-GAAP financial measure. FICC net DVA losses were \$16 million and \$53 million for the three and nine months ended September 30, 2021 compared to losses of \$107 million and \$78 million for the same periods in 2020. Equities net DVA losses were \$4 million and \$3 million for the three and nine months ended September 30, 2021 compared to losses of \$9 million and gains of \$1 million for the same periods in 2020.

Three-Month Comparison

FICC revenue decreased \$101 million driven by a weaker trading environment for mortgage and interest rate products, partially offset by improved client flows in foreign exchange. Equities revenue increased \$395 million driven by growth in client financing activities, a stronger trading performance and increased client activity.

Nine-Month Comparison

FICC revenue decreased \$742 million driven by reduced activity in macro products, partially offset by stronger performance in credit and municipal products, and gains in commodities (partially offset by related losses in another segment) from market volatility driven by a weather-related event. Equities revenue increased \$964 million due to the same factors as described in the three-month discussion.

All Other

(Dollars in millions)	Three Months Ended September 30			% Change	Nine Months Ended September 30			% Change
	2021	2020			2021	2020		
Net interest income	\$ 65	\$ (20)		n/m	\$ 193	\$ 3		n/m
Noninterest income (loss)	(1,109)	(915)		21 %	(3,661)	(2,182)		68 %
Total revenue, net of interest expense	(1,044)	(935)		12	(3,468)	(2,179)		59
Provision for credit losses	(48)	(18)		n/m	(148)	75		n/m
Noninterest expense	351	559		(37)	962	1,108		(13)
Loss before income taxes	(1,347)	(1,476)		(9)	(4,282)	(3,362)		27
Income tax benefit	(1,293)	(1,774)		(27)	(6,345)	(3,386)		87
Net income (loss)	\$ (54)	\$ 298		(118)	\$ 2,063	\$ 24		n/m

Balance Sheet

Average	Three Months Ended September 30			% Change	Nine Months Ended September 30			% Change
	2021	2020			2021	2020		
Total loans and leases	\$ 17,581	\$ 24,243		(27) %	\$ 19,190	\$ 30,218		(36) %
Total assets ⁽¹⁾	187,233	230,906		(19)	193,896	227,430		(15)
Total deposits	13,767	14,881		(7)	14,062	19,926		(29)

Period end

	September 30		% Change
	2021	December 31 2020	
Total loans and leases	\$ 16,880	\$ 21,301	(21) %
Total assets ⁽¹⁾	199,738	264,141	(24)
Total deposits	12,521	12,998	(4)

⁽¹⁾ In segments where the total of liabilities and equity exceeds assets, which are generally deposit-taking segments, we allocate assets from *All Other* to those segments to match liabilities (i.e., deposits) and allocated shareholders' equity. Average allocated assets were \$1.1 trillion for both the three and nine months ended September 30, 2021 compared to \$828.3 billion and \$714.2 billion for the same periods in 2020, and period-end allocated assets were \$1.2 trillion and \$977.7 billion at September 30, 2021 and December 31, 2020.
n/m = not meaningful

All Other primarily consists of ALM activities, liquidating businesses and certain expenses not otherwise allocated to a business segment. ALM activities encompass interest rate and foreign currency risk management activities for which substantially all of the results are allocated to our business segments. For more information on our ALM activities, see *Note 17 – Business Segment Information* to the Consolidated Financial Statements.

Three-Month Comparison

Net income decreased \$352 million to a loss of \$54 million driven by a decrease in the income tax benefit and lower revenue, partially offset by lower noninterest expense.

Revenue decreased \$109 million primarily due to higher partnership losses for ESG investments.

Noninterest expense decreased \$208 million primarily due to lower litigation expense.

The income tax benefit decreased \$481 million primarily due to the impact of the 2020 U.K. tax law change in the prior year. Both periods included income tax benefit adjustments to eliminate the FTE treatment of certain tax credits recorded in *Global Banking*.

Nine-Month Comparison

Net income increased \$2.0 billion to \$2.1 billion primarily due to a higher income tax benefit, partially offset by lower revenue.

Revenue decreased \$1.3 billion primarily due to a \$704 million gain on sales of certain mortgage loans in the prior-year period, higher partnership losses for ESG investments and lower market making and similar activities.

The provision for credit losses improved \$223 million to a benefit of \$148 million primarily due to an improved macroeconomic outlook.

Noninterest expense decreased \$146 million primarily due to the same factor as described in the three-month discussion.

The income tax benefit increased \$3.0 billion primarily due to the impact of the U.K. tax law changes, and higher levels of income tax credits from increased ESG investment activities. For more information on U.K. tax law changes, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements. Both periods included income tax benefit adjustments to eliminate the FTE treatment of certain tax credits recorded in *Global Banking*.

Off-Balance Sheet Arrangements and Contractual Obligations

We have contractual obligations to make future payments on debt and lease agreements. Additionally, in the normal course of business, we enter into contractual arrangements whereby we commit to future purchases of products or services from unaffiliated parties. For more information on obligations and commitments, see *Note 10 – Commitments and Contingencies* to the Consolidated Financial Statements herein, as well as Off-Balance Sheet Arrangements and Contractual Obligations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K, and *Note 11 – Long-term Debt* and *Note 12 – Commitments and Contingencies* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Representations and Warranties Obligations

For more information on representations and warranties obligations in connection with the sale of mortgage loans, see *Note 12 – Commitments and Contingencies* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Managing Risk

Risk is inherent in all our business activities. The seven key types of risk faced by the Corporation are strategic, credit, market, liquidity, compliance, operational and reputational. Sound risk management enables us to serve our customers and deliver for our shareholders. If not managed well, risks can result in financial loss, regulatory sanctions and penalties, and damage to our reputation, each of which may adversely impact our ability to execute our business strategies. We take a comprehensive approach to risk management with a defined Risk Framework and an articulated Risk Appetite Statement, which are approved annually by the Enterprise Risk Committee and the Board.

Our Risk Framework serves as the foundation for the consistent and effective management of risks facing the Corporation. The Risk Framework sets forth clear roles, responsibilities and accountability for the management of risk and provides a blueprint for how the Board, through delegation of authority to committees and executive officers, establishes risk appetite and associated limits for our activities.

Our Risk Appetite Statement is intended to ensure that the Corporation maintains an acceptable risk profile by providing a common framework and a comparable set of measures for senior management and the Board to clearly indicate the level of risk the Corporation is willing to accept. Risk appetite is set at least annually and is aligned with the Corporation's strategic, capital and financial operating plans. Our line-of-business strategies and risk appetite are also similarly aligned.

For more information about the Corporation's risks related to the pandemic, see Item 1A. Risk Factors – Coronavirus Disease of the Corporation's 2020 Annual Report on Form 10-K. These pandemic-related risks are being managed within our Risk Framework and supporting risk management programs.

For more information on our Risk Framework, our risk management activities and the key types of risk faced by the Corporation, see the Managing Risk section in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Capital Management

The Corporation manages its capital position so that its capital is more than adequate to support its business activities and aligns with risk, risk appetite and strategic planning. For more

information, including related regulatory requirements, see Capital Management in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

CCAR and Capital Planning

The Federal Reserve requires BHCs to submit a capital plan and planned capital actions on an annual basis, consistent with the rules governing the CCAR capital plan. Based on the results of our 2021 CCAR capital plan and related supervisory stress tests submitted in the second quarter of 2021, we are subject to a 2.5 percent SCB, unchanged from the prior level, effective October 1, 2021 to September 30, 2022. Our CET1 capital ratio under the Standardized approach must remain above 9.5 percent during this period in order to avoid restrictions on capital distributions and discretionary bonus payments.

Due to uncertainty resulting from the pandemic, the Federal Reserve imposed various restrictions on share repurchase programs and dividends. In conjunction with its release of 2021 CCAR supervisory stress test results, the Federal Reserve announced those restrictions would end as of July 1, 2021 for large banks, including the Corporation, and large banks would be subject to the normal restrictions under the Federal Reserve's SCB framework. Pursuant to the Board's authorization on April 15, 2021, during the third quarter of 2021, we repurchased \$9.9 billion of common stock, including repurchases to offset shares awarded under equity-based compensation plans during the period. On October 20, 2021, the Corporation announced that the Board renewed the Corporation's \$25 billion common stock repurchase program previously announced in April 2021. The Board's authorization replaces the previous program. As with the April authorization, the Board also authorized common stock repurchases to offset shares awarded under the Corporation's equity-based compensation plans.

The timing and amount of common stock repurchases made pursuant to our stock repurchase program are subject to various factors, including the Corporation's capital position, liquidity, financial performance and alternative uses of capital, stock trading price, regulatory requirements and general market conditions, and may be suspended at any time. Such repurchases may be effected through open market purchases or privately negotiated transactions, including repurchase plans that satisfy the conditions of Rule 10b5-1 of the Securities Exchange Act of 1934, as amended (Exchange Act).

Regulatory Capital

As a financial services holding company, we are subject to regulatory capital rules, including Basel 3, issued by U.S. banking regulators. The Corporation's depository institution subsidiaries are also subject to the Prompt Corrective Action (PCA) framework. The Corporation and its primary affiliated banking entity, BANA, are Advanced approaches institutions under Basel 3 and are required to report regulatory risk-based capital ratios and risk-weighted assets (RWA) under both the Standardized and Advanced approaches. The approach that yields the lower ratio is used to assess capital adequacy, including under the PCA framework. As of September 30, 2021, the CET1, Tier 1 capital and Total capital ratios for the Corporation were lower under the Standardized approach.

Minimum Capital Requirements

In order to avoid restrictions on capital distributions and discretionary bonus payments, the Corporation must meet risk-based capital ratio requirements that include a capital conservation buffer or SCB, plus any applicable countercyclical capital buffer and a global systemically important bank (G-SIB)

surcharge. The buffers and surcharge must be comprised solely of CET1 capital. The Corporation's CET1 capital ratio must be a minimum of 9.5 percent under both the Standardized and Advanced approaches.

The Corporation is also required to maintain a minimum supplementary leverage ratio (SLR) of 3.0 percent plus a leverage buffer of 2.0 percent in order to avoid certain restrictions on capital distributions and discretionary bonus payments. Our insured depository institution subsidiaries are

required to maintain a minimum 6.0 percent SLR to be considered well capitalized under the PCA framework.

Capital Composition and Ratios

Table 8 presents Bank of America Corporation's capital ratios and related information in accordance with Basel 3 Standardized and Advanced approaches as measured at September 30, 2021 and December 31, 2020. For the periods presented herein, the Corporation met the definition of well capitalized under current regulatory requirements.

Table 8 Bank of America Corporation Regulatory Capital under Basel 3

	Standardized Approach ⁽¹⁾	Advanced Approaches ⁽¹⁾	Regulatory Minimum ⁽²⁾
(Dollars in millions, except as noted)			
Risk-based capital metrics:			
Common equity tier 1 capital	\$ 174,407	\$ 174,407	
Tier 1 capital	197,842	197,842	
Total capital ⁽³⁾	230,506	223,997	
Risk-weighted assets (in billions)	1,568	1,380	
Common equity tier 1 capital ratio	11.1 %	12.6 %	9.5 %
Tier 1 capital ratio	12.6	14.3	11.0
Total capital ratio	14.7	16.2	13.0
Leverage-based metrics:			
Adjusted quarterly average assets (in billions) ⁽⁴⁾	\$ 3,000	\$ 3,000	
Tier 1 leverage ratio	6.6 %	6.6 %	4.0
Supplementary leverage exposure (in billions) ⁽⁵⁾		\$ 3,516	
Supplementary leverage ratio		5.6 %	5.0
December 31, 2020			
Risk-based capital metrics:			
Common equity tier 1 capital	\$ 176,660	\$ 176,660	
Tier 1 capital	200,096	200,096	
Total capital ⁽³⁾	237,936	227,685	
Risk-weighted assets (in billions)	1,480	1,371	
Common equity tier 1 capital ratio	11.9 %	12.9 %	9.5 %
Tier 1 capital ratio	13.5	14.6	11.0
Total capital ratio	16.1	16.6	13.0
Leverage-based metrics:			
Adjusted quarterly average assets (in billions) ⁽⁴⁾	\$ 2,719	\$ 2,719	
Tier 1 leverage ratio	7.4 %	7.4 %	4.0
Supplementary leverage exposure (in billions) ⁽⁵⁾		\$ 2,786	
Supplementary leverage ratio		7.2 %	5.0

⁽¹⁾ As of September 30, 2021 and December 31, 2020, capital ratios are calculated using the regulatory capital rule that allows a five-year transition period related to the adoption of the current expected credit losses (CECL) accounting standard.

⁽²⁾ The capital conservation buffer and G-SIB surcharge were 2.5 percent at both September 30, 2021 and December 31, 2020. At September 30, 2021 and December 31, 2020, the Corporation's SCB of 2.5 percent was applied in place of the capital conservation buffer under the Standardized approach. The countercyclical capital buffer for both periods was zero. The CET1 capital regulatory minimum is the sum of the CET1 capital ratio minimum of 4.5 percent, our G-SIB surcharge of 2.5 percent and our SCB or the capital conservation buffer, as applicable, of 2.5 percent. The SLR regulatory minimum includes a leverage buffer of 2.0 percent.

⁽³⁾ Total capital under the Advanced approaches differs from the Standardized approach due to differences in the amount permitted in Tier 2 capital related to the qualifying allowance for credit losses.

⁽⁴⁾ Reflects total average assets adjusted for certain Tier 1 capital deductions.

⁽⁵⁾ Supplementary leverage exposure at December 31, 2020 reflects the temporary exclusion of U.S. Treasury securities and deposits at Federal Reserve Banks. The temporary relief expired after March 31, 2021 and is not reflected in supplementary leverage exposure at September 30, 2021.

At September 30, 2021, CET1 capital was \$174.4 billion, a decrease of \$2.3 billion from December 31, 2020, driven by common stock repurchases, dividends and lower net unrealized gains on available-for-sale (AFS) debt securities included in accumulated other comprehensive income (OCI), partially offset by earnings. Tier 1 capital decreased \$2.3 billion primarily driven by the same factors as CET1 capital. Total capital under the Standardized approach decreased \$7.4 billion primarily due to the same factors driving the decrease in CET1 capital, and a decrease in the adjusted allowance for credit losses included in Tier 2 capital. RWA under the Standardized approach, which yielded the lower CET1 capital ratio at September 30, 2021,

increased \$88.3 billion during the nine months ended September 30, 2021 to \$1,568 billion primarily due to strong client activity in *Global Markets* and an increase in debt securities resulting from the deployment of cash received from deposit inflows. Supplementary leverage exposure at September 30, 2021 increased \$729.9 billion during the nine months ended September 30, 2021 primarily due to the expiration of the Federal Reserve's temporary relief to exclude U.S. Treasury securities and deposits at Federal Reserve Banks and an increase in debt securities resulting from the deployment of cash received from deposit inflows.

Table 9 shows the capital composition at September 30, 2021 and December 31, 2020.

Table 9 Capital Composition under Basel 3

	September 30 2021	December 31 2020
(Dollars in millions)		
Total common shareholders' equity	\$ 249,023	\$ 248,414
CECL transitional amount ⁽¹⁾	2,722	4,213
Goodwill, net of related deferred tax liabilities	(68,638)	(68,565)
Deferred tax assets arising from net operating loss and tax credit carryforwards	(7,638)	(5,773)
Intangibles, other than mortgage servicing rights, net of related deferred tax liabilities	(1,644)	(1,617)
Defined benefit pension plan net assets	(1,223)	(1,164)
Cumulative unrealized net (gain) loss related to changes in fair value of financial liabilities attributable to own creditworthiness, net-of-tax	1,477	1,753
Other	328	(601)
Common equity tier 1 capital	174,407	176,660
Qualifying preferred stock, net of issuance cost	23,440	23,437
Other	(5)	(1)
Tier 1 capital	197,842	200,096
Tier 2 capital instruments	21,756	22,213
Qualifying allowance for credit losses ⁽²⁾	11,177	15,649
Other	(269)	(22)
Total capital under the Standardized approach	230,506	237,936
Adjustment in qualifying allowance for credit losses under the Advanced approaches ⁽²⁾	(6,509)	(10,251)
Total capital under the Advanced approaches	\$ 223,997	\$ 227,685

⁽¹⁾ Includes the impact of the Corporation's adoption of the CECL accounting standard on January 1, 2020 and 25 percent of the increase in reserves since the initial adoption.

⁽²⁾ Includes the impact of transition provisions related to the CECL accounting standard.

Table 10 shows the components of RWA as measured under Basel 3 at September 30, 2021 and December 31, 2020.

Table 10 Risk-weighted Assets under Basel 3

	Standardized Approach	Advanced Approaches	Standardized Approach	Advanced Approaches
	September 30, 2021		December 31, 2020	
(Dollars in billions)				
Credit risk	\$ 1,506	\$ 901	\$ 1,420	\$ 896
Market risk	62	62	60	60
Operational risk	n/a	375	n/a	372
Risks related to credit valuation adjustments	n/a	42	n/a	43
Total risk-weighted assets	\$ 1,568	\$ 1,380	\$ 1,480	\$ 1,371

n/a = not applicable

Bank of America, N.A. Regulatory Capital

Table 11 presents regulatory capital information for BANA in accordance with Basel 3 Standardized and Advanced approaches as measured at September 30, 2021 and December 31, 2020. BANA met the definition of well capitalized under the PCA framework for both periods.

Table 11 Bank of America, N.A. Regulatory Capital under Basel 3

	Standardized Approach ⁽¹⁾	Advanced Approaches ⁽¹⁾	Regulatory Minimum ⁽²⁾
	September 30, 2021		
(Dollars in millions, except as noted)			
Risk-based capital metrics:			
Common equity tier 1 capital	\$ 173,710	\$ 173,710	
Tier 1 capital	173,710	173,710	
Total capital ⁽³⁾	186,588	179,901	
Risk-weighted assets (in billions)	1,288	1,012	
Common equity tier 1 capital ratio	13.5 %	17.2 %	7.0 %
Tier 1 capital ratio	13.5	17.2	8.5
Total capital ratio	14.5	17.8	10.5
Leverage-based metrics:			
Adjusted quarterly average assets (in billions) ⁽⁴⁾	\$ 2,329	\$ 2,329	
Tier 1 leverage ratio	7.5 %	7.5 %	5.0
Supplementary leverage exposure (in billions)		\$ 2,736	
Supplementary leverage ratio		6.3 %	6.0
	December 31, 2020		
Risk-based capital metrics:			
Common equity tier 1 capital	\$ 164,593	\$ 164,593	
Tier 1 capital	164,593	164,593	
Total capital ⁽³⁾	181,370	170,922	
Risk-weighted assets (in billions)	1,221	1,014	
Common equity tier 1 capital ratio	13.5 %	16.2 %	7.0 %
Tier 1 capital ratio	13.5	16.2	8.5
Total capital ratio	14.9	16.9	10.5
Leverage-based metrics:			
Adjusted quarterly average assets (in billions) ⁽⁴⁾	\$ 2,143	\$ 2,143	
Tier 1 leverage ratio	7.7 %	7.7 %	5.0
Supplementary leverage exposure (in billions)		\$ 2,525	
Supplementary leverage ratio		6.5 %	6.0

⁽¹⁾ Capital ratios for both September 30, 2021 and December 31, 2020 are calculated using the regulatory capital rule that allows a five-year transition period related to the adoption of CECL.

⁽²⁾ Risk-based capital regulatory minimums at September 30, 2021 and December 31, 2020 are the minimum ratios under Basel 3 including a capital conservation buffer of 2.5 percent. The regulatory minimums for the leverage ratios as of both period ends are the percent required to be considered well capitalized under the PCA framework.

⁽³⁾ Total capital under the Advanced approaches differs from the Standardized approach due to differences in the amount permitted in Tier 2 capital related to the qualifying allowance for credit losses.

⁽⁴⁾ Reflects total average assets adjusted for certain Tier 1 capital deductions.

Total Loss-Absorbing Capacity Requirements

Total loss-absorbing capacity (TLAC) consists of the Corporation's Tier 1 capital and eligible long-term debt issued directly by the Corporation. Eligible long-term debt for TLAC ratios is comprised of unsecured debt that has a remaining maturity of at least one year and satisfies additional requirements as prescribed in the TLAC final rule. As with the

risk-based capital ratios and SLR, the Corporation is required to maintain TLAC ratios in excess of minimum requirements plus applicable buffers to avoid restrictions on capital distributions and discretionary bonus payments. Table 12 presents the Corporation's TLAC and long-term debt ratios and related information as of September 30, 2021 and December 31, 2020.

Table 12 Bank of America Corporation Total Loss-Absorbing Capacity and Long-Term Debt

	TLAC ⁽¹⁾	Regulatory Minimum ⁽²⁾	Long-term Debt	Regulatory Minimum ⁽³⁾
	September 30, 2021			
(Dollars in millions)				
Total eligible balance	\$ 434,224	\$	226,431	
Percentage of risk-weighted assets ⁽⁴⁾	27.7 %	22.0 %	14.4 %	8.5 %
Percentage of supplementary leverage exposure ⁽⁵⁾	12.4	9.5	6.4	4.5
	December 31, 2020			
Total eligible balance	\$ 405,153	\$	196,997	
Percentage of risk-weighted assets ⁽⁴⁾	27.4 %	22.0 %	13.3 %	8.5 %
Percentage of supplementary leverage exposure ⁽⁵⁾	14.5	9.5	7.1	4.5

⁽¹⁾ As of September 30, 2021 and December 31, 2020, TLAC ratios are calculated using the regulatory capital rule that allows a five-year transition period related to the adoption of CECL.

⁽²⁾ The TLAC RWA regulatory minimum consists of 18.0 percent plus a TLAC RWA buffer comprised of 2.5 percent plus the Method 1 G-SIB surcharge of 1.5 percent. The countercyclical buffer is zero for both periods. The TLAC supplementary leverage exposure regulatory minimum consists of 7.5 percent plus a 2.0 percent TLAC leverage buffer. The TLAC RWA and leverage buffers must be comprised solely of CET1 capital and Tier 1 capital, respectively.

⁽³⁾ The long-term debt RWA regulatory minimum is comprised of 6.0 percent plus an additional 2.5 percent requirement based on the Corporation's Method 2 G-SIB surcharge. The long-term debt leverage exposure regulatory minimum is 4.5 percent.

⁽⁴⁾ The approach that yields the higher RWA is used to calculate TLAC and long-term debt ratios, which was the Standardized approach as of September 30, 2021 and December 31, 2020.

⁽⁵⁾ Supplementary leverage exposure at December 31, 2020 reflects the temporary exclusion of U.S. Treasury Securities and deposits at Federal Reserve Banks. The temporary relief expired after March 31, 2021 and is not reflected in supplementary leverage exposure at September 30, 2021.

Regulatory Developments

The following supplements the disclosure in Capital Management – Regulatory Developments in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Supplementary Leverage Ratio

On March 19, 2021, U.S. banking regulators announced that the temporary change to the SLR for BHCs and depository institutions issued in 2020 would expire as scheduled after March 31, 2021. While the temporary relief automatically applied to the Corporation, the Corporation's lead depository institution, Bank of America, N.A., did not opt to take advantage of the SLR relief offered by the Office of the Comptroller of the Currency. At September 30, 2021, the Corporation's SLR was 5.6 percent, which exceeds the 5.0 percent minimum required by the Federal Reserve.

Regulatory Capital and Securities Regulation

The Corporation's principal U.S. broker-dealer subsidiaries are BofA Securities, Inc. (BofAS), Merrill Lynch Professional Clearing Corp. (MLPCC) and Merrill Lynch, Pierce, Fenner & Smith Incorporated (MLPF&S). The Corporation's principal European broker-dealer subsidiaries are Merrill Lynch International (MLI) and BofA Securities Europe SA (BofASE).

The U.S. broker-dealer subsidiaries are subject to the net capital requirements of Rule 15c3-1 under the Exchange Act. BofAS computes its minimum capital requirements as an alternative net capital broker-dealer under Rule 15c3-1e, and MLPCC and MLPF&S compute their minimum capital requirements in accordance with the alternative standard under Rule 15c3-1. BofAS and MLPCC are also registered as futures commission merchants and are subject to CFTC Regulation 1.17. The U.S. broker-dealer subsidiaries are also registered with the Financial Industry Regulatory Authority, Inc. (FINRA). Pursuant to FINRA Rule 4110, FINRA may impose higher net capital requirements than Rule 15c3-1 under the Exchange Act with respect to each of the broker-dealers.

BofAS provides institutional services, and in accordance with the alternative net capital requirements, is required to maintain tentative net capital in excess of \$1.0 billion and net capital in excess of the greater of \$500 million or a certain percentage of its reserve requirement. BofAS must also notify the SEC in the event its tentative net capital is less than \$5.0 billion. BofAS is also required to hold a certain percentage of its customers' and affiliates' risk-based margin in order to meet its CFTC minimum net capital requirement. At September 30, 2021, BofAS had

tentative net capital of \$19.2 billion. BofAS also had regulatory net capital of \$16.6 billion, which exceeded the minimum requirement of \$3.1 billion.

MLPCC is a fully-guaranteed subsidiary of BofAS and provides clearing and settlement services as well as prime brokerage and arranged financing services for institutional clients. At September 30, 2021, MLPCC's regulatory net capital of \$5.0 billion exceeded the minimum requirement of \$1.5 billion.

MLPF&S provides retail services. At September 30, 2021, MLPF&S' regulatory net capital was \$4.8 billion, which exceeded the minimum requirement of \$189 million.

Our European broker-dealers are regulated by non-U.S. regulators. MLI, a U.K. investment firm, is regulated by the Prudential Regulation Authority and the FCA and is subject to certain regulatory capital requirements. At September 30, 2021, MLI's capital resources were \$33.7 billion, which exceeded the minimum Pillar 1 requirement of \$14.2 billion. BofASE, a French investment firm, is regulated by the Autorité de Contrôle Prudentiel et de Résolution and the Autorité des Marchés Financiers, and is subject to certain regulatory capital requirements. At September 30, 2021, BofASE's capital resources were \$7.0 billion, which exceeded the minimum Pillar 1 requirement of \$3.1 billion.

Liquidity Risk

Funding and Liquidity Risk Management

Our primary liquidity risk management objective is to meet expected or unexpected cash flow and collateral needs while continuing to support our businesses and customers under a range of economic conditions. To achieve that objective, we analyze and monitor our liquidity risk under expected and stressed conditions, maintain liquidity and access to diverse funding sources, including our stable deposit base, and seek to align liquidity-related incentives and risks. These liquidity risk management practices have allowed us to effectively manage the market stress from the pandemic that began in the first quarter of 2020. For more information on the effects of the pandemic, see Executive Summary – Recent Developments – COVID-19 Pandemic on page 3 herein and Item 1A. Risk Factors – Coronavirus Disease of the Corporation's 2020 Annual Report on Form 10-K.

We define liquidity as readily available assets, limited to cash and high-quality, liquid, unencumbered securities that we can use to meet our contractual and contingent financial

obligations as they arise. We manage our liquidity position through line-of-business and ALM activities, as well as through our legal entity funding strategy, on both a forward and current (including intraday) basis under both expected and stressed conditions. We believe that a centralized approach to funding and liquidity management enhances our ability to monitor liquidity requirements, maximizes access to funding sources, minimizes borrowing costs and facilitates timely responses to liquidity events. For more information regarding global funding and liquidity risk management, as well as liquidity sources, liquidity arrangements, contingency planning and credit ratings discussed below, see Liquidity Risk in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

NB Holdings Corporation

The parent company, which is a separate and distinct legal entity from our bank and nonbank subsidiaries, has an intercompany arrangement with our wholly-owned holding company subsidiary, NB Holdings Corporation (NB Holdings). We have transferred, and agreed to transfer, additional parent company assets not required to satisfy anticipated near-term expenditures to NB Holdings. The parent company is expected to continue to have access to the same flow of dividends, interest and other amounts of cash necessary to service our debt, pay dividends and perform other obligations as it would have had we not entered into these arrangements and transferred any assets. These arrangements support our preferred single point of entry resolution strategy, under which only the parent company would be resolved under the U.S. Bankruptcy Code.

Global Liquidity Sources and Other Unencumbered Assets

Table 13 presents average Global Liquidity Sources (GLS) for the three months ended September 30, 2021 and December 31, 2020.

Table 13 Average Global Liquidity Sources

	Three Months Ended	
	September 30 2021	December 31 2020
(Dollars in billions)		
Bank entities	\$ 960	\$ 773
Nonbank and other entities ⁽¹⁾	160	170
Total Average Global Liquidity Sources	\$ 1,120	\$ 943

⁽¹⁾ Nonbank includes Parent, NB Holdings and other regulated entities.

Our bank subsidiaries' liquidity is primarily driven by deposit and lending activity, as well as securities valuation and net debt activity. Bank subsidiaries can also generate incremental liquidity by pledging a range of unencumbered loans and securities to certain Federal Home Loan Banks (FHLBs) and the Federal Reserve Discount Window. The cash we could have obtained by borrowing against this pool of specifically-identified eligible assets was \$318 billion and \$306 billion at September 30, 2021 and December 31, 2020. We have established operational procedures to enable us to borrow against these assets, including regularly monitoring our total pool of eligible loans and securities collateral. Eligibility is defined in guidelines from the FHLBs and the Federal Reserve and is subject to change at their discretion. Due to regulatory restrictions, liquidity generated by the bank subsidiaries can generally be used only to fund obligations within the bank subsidiaries, and transfers to the parent company or nonbank subsidiaries may be subject to prior regulatory approval.

Liquidity is also held in nonbank entities, including the Parent, NB Holdings and other regulated entities. Parent

company and NB Holdings liquidity is typically in the form of cash deposited at BANA, which is excluded from the liquidity at bank subsidiaries, and high-quality, liquid, unencumbered securities. Liquidity held in other regulated entities, comprised primarily of broker-dealer subsidiaries, is primarily available to meet the obligations of that entity, and transfers to the parent company or to any other subsidiary may be subject to prior regulatory approval due to regulatory restrictions and minimum requirements. Our other regulated entities also hold unencumbered investment-grade securities and equities that we believe could be used to generate additional liquidity.

Table 14 presents the composition of average GLS for the three months ended September 30, 2021 and December 31, 2020.

Table 14 Average Global Liquidity Sources Composition

	Three Months Ended	
	September 30 2021	December 31 2020
(Dollars in billions)		
Cash on deposit	\$ 241	\$ 322
U.S. Treasury securities	265	141
U.S. agency securities, mortgage-backed securities, and other investment-grade securities	596	462
Non-U.S. government securities	18	18
Total Average Global Liquidity Sources	\$ 1,120	\$ 943

Our GLS are substantially the same in composition to what qualifies as High Quality Liquid Assets (HQLA) under the final U.S. Liquidity Coverage Ratio (LCR) rules. However, HQLA for purposes of calculating LCR is not reported at market value, but at a lower value that incorporates regulatory deductions and the exclusion of excess liquidity held at certain subsidiaries. The LCR is calculated as the amount of a financial institution's unencumbered HQLA relative to the estimated net cash outflows the institution could encounter over a 30-day period of significant liquidity stress, expressed as a percentage. Our average consolidated HQLA, on a net basis, was \$612 billion and \$584 billion for the three months ended September 30, 2021 and December 31, 2020. For the same periods, the average consolidated LCR was 117 percent and 122 percent. Our LCR fluctuates due to normal business flows from customer activity.

Liquidity Stress Analysis

We utilize liquidity stress analysis to assist us in determining the appropriate amounts of liquidity to maintain at the parent company and our subsidiaries to meet contractual and contingent cash outflows under a range of scenarios. For more information on liquidity stress analysis, see Liquidity Risk – Liquidity Stress Analysis in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Net Stable Funding Ratio Final Rule

On October 20, 2020, the U.S. Agencies finalized the Net Stable Funding Ratio (NSFR), a rule requiring large banks to maintain a minimum level of stable funding over a one-year period. The final rule is intended to support the ability of banks to lend to households and businesses in both normal and adverse economic conditions and is complementary to the LCR rule, which focuses on short-term liquidity risks. The final rule was effective July 1, 2021. The U.S. NSFR applies to the Corporation on a consolidated basis and to our insured depository institutions. The Corporation is in compliance with

the final NSFR rule in the regulatory timeline provided, and there have not been any significant impacts to the Corporation.

Diversified Funding Sources

We fund our assets primarily with a mix of deposits, and secured and unsecured liabilities through a centralized, globally coordinated funding approach diversified across products, programs, markets, currencies and investor groups. We fund a substantial portion of our lending activities through our deposits, which were \$1.96 trillion and \$1.80 trillion at September 30, 2021 and December 31, 2020.

Our trading activities in other regulated entities are primarily funded on a secured basis through securities lending and repurchase agreements, and these amounts will vary based on customer activity and market conditions.

Long-term Debt

During the nine months ended September 30, 2021, we issued \$65.5 billion of long-term debt consisting of \$49.8 billion of notes issued by Bank of America Corporation, substantially all of which was TLAC compliant, \$6.2 billion of notes issued by Bank of America, N.A. and \$9.5 billion of other debt.

During the nine months ended September 30, 2021, we had total long-term debt maturities and redemptions in the aggregate of \$38.5 billion consisting of \$21.3 billion for Bank of America Corporation, \$8.0 billion for Bank of America, N.A. and \$9.2 billion of other debt. Table 15 presents the carrying value of aggregate annual contractual maturities of long-term debt at September 30, 2021.

Table 15 Long-term Debt by Maturity

(Dollars in millions)	Remainder of 2021	2022	2023	2024	2025	Thereafter	Total
Bank of America Corporation							
Senior notes ⁽¹⁾	\$ —	\$ 5,759	\$ 23,451	\$ 23,642	\$ 19,800	\$ 138,303	\$ 210,955
Senior structured notes	80	1,937	594	292	412	11,384	14,699
Subordinated notes	354	—	—	3,300	5,434	16,064	25,152
Junior subordinated notes	—	—	—	—	—	741	741
Total Bank of America Corporation	434	7,696	24,045	27,234	25,646	166,492	251,547
Bank of America, N.A.							
Senior notes	—	3,245	504	—	—	1	3,750
Subordinated notes	—	—	—	—	—	1,775	1,775
Advances from Federal Home Loan Banks	500	203	1	—	16	72	792
Securitizations and other Bank VIEs ⁽²⁾	—	1,249	999	999	—	84	3,331
Other	7	67	316	66	153	21	630
Total Bank of America, N.A.	507	4,764	1,820	1,065	169	1,953	10,278
Other debt							
Structured Liabilities	1,105	3,777	2,507	1,733	671	6,503	16,296
Nonbank VIEs ⁽²⁾	1	—	—	—	—	499	500
Total other debt	1,106	3,777	2,507	1,733	671	7,002	16,796
Total long-term debt	\$ 2,047	\$ 16,237	\$ 28,372	\$ 30,032	\$ 26,486	\$ 175,447	\$ 278,621

⁽¹⁾ Total includes \$177.2 billion of outstanding notes that are both TLAC eligible and callable one year before their stated maturities, including \$2.5 billion during the remainder of 2021, and \$15.1 billion, \$17.0 billion, \$16.0 billion and \$15.2 billion during each year of 2022 through 2025, respectively, and \$111.4 billion thereafter. For more information on our TLAC eligible and callable outstanding notes, see Liquidity Risk – Diversified Funding Sources in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

⁽²⁾ Represents liabilities of consolidated variable interest entities (VIEs) included in total long-term debt on the Consolidated Balance Sheet.

Total long-term debt increased \$15.7 billion to \$278.6 billion during the nine months ended September 30, 2021, primarily due to debt issuances, partially offset by debt maturities and redemptions and valuation adjustments. We may, from time to time, purchase outstanding debt instruments in various transactions, depending on market conditions, liquidity and other factors. Our other regulated entities may also make markets in our debt instruments to provide liquidity for investors.

During the nine months ended September 30, 2021, we issued \$4.3 billion of structured notes, which are unsecured debt obligations that pay investors returns linked to other debt or equity securities, indices, currencies or commodities. These structured notes are typically issued to meet client demand, and notes with certain attributes may also be TLAC eligible. We typically hedge the returns we are obligated to pay on these liabilities with derivatives and/or investments in the underlying instruments, so that from a funding perspective, the cost is similar to our other unsecured long-term debt. We could be required to settle certain structured note obligations for cash or other securities prior to maturity under certain circumstances, which we consider for liquidity planning purposes. We believe, however, that a portion of such borrowings will remain outstanding beyond the earliest put or redemption date.

Substantially all of our senior and subordinated debt obligations contain no provisions that could trigger a requirement for an early repayment, require additional collateral support, result in changes to terms, accelerate maturity or create additional financial obligations upon an adverse change in our credit ratings, financial ratios, earnings, cash flows or stock price. For more information on long-term debt funding, including issuances and maturities and redemptions, see *Note 11 – Long-term Debt* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

We use derivative transactions to manage interest rate and currency risks of our borrowings, considering the characteristics of the assets they are funding. For more information on our ALM activities, see Interest Rate Risk Management for the Banking Book on page 46.

Credit Ratings

Credit ratings and outlooks are opinions expressed by rating agencies on our creditworthiness and that of our obligations or securities, including long-term debt, short-term borrowings, preferred stock and other securities, including asset securitizations. Table 16 presents the Corporation's current long-term/short-term senior debt ratings and outlooks expressed by the rating agencies.

The ratings from Standard & Poor's Global Ratings (S&P) and Fitch Ratings (Fitch) for the Corporation and its subsidiaries have not changed from those disclosed in the Corporation's Quarterly Report on Form 10-Q for the quarter ended June 30, 2021.

The ratings from Moody's Investors Service for the Corporation and its subsidiaries have not changed from those disclosed in the Corporation's 2020 Annual Report on Form 10-K.

For more information on additional collateral and termination payments that could be required in connection with certain over-the-counter derivative contracts and other trading agreements in the event of a credit rating downgrade, see *Note 3 – Derivatives* to the Consolidated Financial Statements herein and Item 1A. Risk Factors of the Corporation's 2020 Annual Report on Form 10-K.

Table 16 Senior Debt Ratings

	Moody's Investors Service			Standard & Poor's Global Ratings			Fitch Ratings		
	Long-term	Short-term	Outlook	Long-term	Short-term	Outlook	Long-term	Short-term	Outlook
Bank of America Corporation	A2	P-1	Stable	A-	A-2	Positive	AA-	F1+	Stable
Bank of America, N.A.	Aa2	P-1	Stable	A+	A-1	Positive	AA	F1+	Stable
Bank of America Europe Designated Activity Company	NR	NR	NR	A+	A-1	Positive	AA	F1+	Stable
Merrill Lynch, Pierce, Fenner & Smith Incorporated	NR	NR	NR	A+	A-1	Positive	AA	F1+	Stable
BofA Securities, Inc.	NR	NR	NR	A+	A-1	Positive	AA	F1+	Stable
Merrill Lynch International	NR	NR	NR	A+	A-1	Positive	AA	F1+	Stable
BofA Securities Europe SA	NR	NR	NR	A+	A-1	Positive	AA	F1+	Stable

NR = not rated

Finance Subsidiary Issuers and Parent Guarantor

BofA Finance LLC, a Delaware limited liability company, is a consolidated finance subsidiary of the Corporation that has issued and sold, and is expected to continue to issue and sell, its senior unsecured debt securities. In addition, each of BAC Capital Trust XIII, BAC Capital Trust XIV and BAC Capital Trust XV, Delaware statutory trusts, is a 100 percent owned finance subsidiary of the Corporation that has issued and sold trust preferred securities or capital securities, as applicable, that remained outstanding at September 30, 2021. The Corporation has fully and unconditionally guaranteed (or effectively provided for the full and unconditional guarantee of) all such securities issued by such finance subsidiaries. For more information regarding such guarantees by the Corporation, see Liquidity Risk – Finance Subsidiary Issuers and Parent Guarantor in the MD&A of the Corporation's 2020 Annual Report on Form 10-K. For purposes of the discussion in such section in the Corporation's 2020 Annual Report on Form 10-K, the term "Trusts" shall be deemed to include BAC Capital Trust XV, and the term "Trust Preferred Securities" shall be deemed to include the capital securities issued and sold by BAC Capital Trust XV that remained outstanding at September 30, 2021.

Credit Risk Management

For information on our credit risk management activities, see Consumer Portfolio Credit Risk Management below, Commercial Portfolio Credit Risk Management on page 35, Non-U.S. Portfolio on page 41, Allowance for Credit Losses on page 42, and *Note 5 – Outstanding Loans and Leases and Allowance for Credit Losses* to the Consolidated Financial Statements.

During the nine months ended September 30, 2021, the economy gained momentum as unemployment continued to decline from double-digit highs during 2020 and the economy continued to open as vaccination rates increased and restrictions began to ease. Individuals and businesses in the U.S. have benefited from various forms of government support through economic stimulus packages enacted in 2020 and 2021. While there has been significant economic improvement in comparison to 2020, uncertainty remains about the timing and strength of the economy's recovery, which may also be hampered by supply chain disruptions and inflationary pressures

that could lead to adverse impacts to credit quality metrics in future periods. For more information on how the pandemic may affect our operations, see Executive Summary – Recent Developments – COVID-19 Pandemic on page 3 and Item 1A. Risk Factors – Coronavirus Disease of the Corporation's 2020 Annual Report on Form 10-K.

Consumer Portfolio Credit Risk Management

Credit risk management for the consumer portfolio begins with initial underwriting and continues throughout a borrower's credit cycle. Statistical techniques in conjunction with experiential judgment are used in all aspects of portfolio management including underwriting, product pricing, risk appetite, setting credit limits, and establishing operating processes and metrics to quantify and balance risks and returns. Statistical models are built using detailed behavioral information from external sources such as credit bureaus and/or internal historical experience and are a component of our consumer credit risk management process. These models are used in part to assist in making both new and ongoing credit decisions, as well as portfolio management strategies, including authorizations and line management, collection practices and strategies, and determination of the allowance for loan and lease losses and allocated capital for credit risk.

Consumer Credit Portfolio

The economic environment improved during the nine months ended September 30, 2021, with the U.S. unemployment rate continuing to decline and home prices increasing. During the three and nine months ended September 30, 2021, net charge-offs decreased \$235 million and \$635 million to \$329 million and \$1.5 billion primarily due to lower credit card losses, as balance declines and the impact of government stimulus measures were partially offset by charge-offs associated with deferrals that expired in 2020. During the nine months ended September 30, 2021, nonperforming loans increased due to deferral activity.

The consumer allowance for loan and lease losses decreased \$2.9 billion during the nine months ended September 30, 2021 to \$7.2 billion primarily due to improvements in the economic outlook and credit quality. For

more information, see Allowance for Credit Losses on page 42.

For more information on our accounting policies regarding delinquencies, nonperforming status, charge-offs and troubled debt restructurings (TDRs) for the consumer portfolio, as well as interest accrual policies and delinquency status for loan modifications related to the pandemic, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial

Statements of the Corporation's 2020 Annual Report on Form 10-K and *Note 5 – Outstanding Loans and Leases and Allowance for Credit Losses* to the Consolidated Financial Statements.

Table 17 presents our outstanding consumer loans and leases, consumer nonperforming loans and accruing consumer loans past due 90 days or more.

Table 17 Consumer Credit Quality

	Outstandings ⁽¹⁾		Nonperforming		Accruing Past Due 90 Days or More	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020	September 30 2021	December 31 2020
(Dollars in millions)						
Residential mortgage ⁽²⁾	\$ 216,940	\$ 223,555	\$ 2,296	\$ 2,005	\$ 648	\$ 762
Home equity	29,000	34,311	676	649	—	—
Credit card	76,869	78,708	n/a	n/a	450	903
Direct/Indirect consumer ⁽³⁾	99,845	91,363	45	71	8	33
Other consumer	202	124	—	—	—	—
Consumer loans excluding loans accounted for under the fair value option	\$ 422,856	\$ 428,061	\$ 3,017	\$ 2,725	\$ 1,106	\$ 1,698
Loans accounted for under the fair value option ⁽⁴⁾	616	735				
Total consumer loans and leases	\$ 423,472	\$ 428,796				
Percentage of outstanding consumer loans and leases ⁽⁵⁾	n/a	n/a	0.71 %	0.64 %	0.26 %	0.40 %
Percentage of outstanding consumer loans and leases, excluding fully-insured loan portfolios ⁽⁵⁾	n/a	n/a	0.74	0.65	0.11	0.22

⁽¹⁾ Outstandings include non-core residential mortgage of \$6.7 billion and \$8.3 billion and home equity of \$3.4 billion and \$4.0 billion at September 30, 2021 and December 31, 2020. For more information on non-core loans, see Consumer Credit Risk Management in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

⁽²⁾ Residential mortgage loans accruing past due 90 days or more are fully-insured loans. At September 30, 2021 and December 31, 2020, residential mortgage includes \$466 million and \$537 million of loans on which interest had been curtailed by the Federal Housing Administration (FHA), and therefore were no longer accruing interest, although principal was still insured, and \$162 million and \$225 million of loans on which interest was still accruing.

⁽³⁾ Outstandings primarily include auto and specialty lending loans and leases of \$47.2 billion and \$46.4 billion, U.S. securities-based lending loans of \$48.7 billion and \$41.1 billion and non-U.S. consumer loans of \$3.0 billion and \$3.0 billion at September 30, 2021 and December 31, 2020.

⁽⁴⁾ Consumer loans accounted for under the fair value option include residential mortgage loans of \$241 million and \$298 million and home equity loans of \$375 million and \$437 million at September 30, 2021 and December 31, 2020. For more information on the fair value option, see *Note 15 – Fair Value Option* to the Consolidated Financial Statements.

⁽⁵⁾ Excludes consumer loans accounted for under the fair value option. At September 30, 2021 and December 31, 2020, \$13 million and \$11 million of loans accounted for under the fair value option were past due 90 days or more and not accruing interest. n/a = not applicable

Table 18 presents net charge-offs and related ratios for consumer loans and leases.

Table 18 Consumer Net Charge-offs and Related Ratios

	Net Charge-offs				Net Charge-off Ratios ⁽¹⁾			
	Three Months Ended September 30		Nine Months Ended September 30		Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020	2021	2020	2021	2020
(Dollars in millions)								
Residential mortgage	\$ (7)	\$ (6)	\$ (17)	\$ (27)	(0.01)%	(0.01)%	(0.01)%	(0.02)%
Home equity	(34)	(20)	(93)	(45)	(0.46)	(0.21)	(0.40)	(0.16)
Credit card	321	509	1,443	1,944	1.69	2.49	2.59	2.97
Direct/Indirect consumer	(18)	18	4	84	(0.07)	0.08	0.01	0.13
Other consumer	67	63	198	214	n/m	n/m	n/m	n/m
Total	\$ 329	\$ 564	\$ 1,535	\$ 2,170	0.31	0.50	0.49	0.64

⁽¹⁾ Net charge-off ratios are calculated as annualized net charge-offs divided by average outstanding loans and leases excluding loans accounted for under the fair value option. n/m = not meaningful

We believe that the presentation of information adjusted to exclude the impact of the fully-insured loan portfolio and loans accounted for under the fair value option is more representative of the ongoing operations and credit quality of the business. As a result, in the following tables and discussions of the residential mortgage and home equity portfolios, we exclude loans accounted for under the fair value option and provide information that excludes the impact of the fully-insured loan portfolio in certain credit quality statistics.

Residential Mortgage

The residential mortgage portfolio made up the largest percentage of our consumer loan portfolio at 51 percent of consumer loans and leases at September 30, 2021. Approximately 51 percent of the residential mortgage portfolio

was in *Consumer Banking* and 42 percent was in *GWIM*. The remaining portion was in *All Other* and was comprised of loans used in our overall ALM activities, delinquent FHA loans repurchased pursuant to our servicing agreements with the Government National Mortgage Association, as well as loans repurchased related to our representations and warranties.

Outstanding balances in the residential mortgage portfolio decreased \$6.6 billion during the nine months ended September 30, 2021 as paydowns were partially offset by originations.

At September 30, 2021 and December 31, 2020, the residential mortgage portfolio included \$12.6 billion and \$11.8 billion of outstanding fully-insured loans, of which \$2.3 billion and \$2.8 billion had FHA insurance, with the remainder protected by Fannie Mae long-term standby agreements.

Table 19 presents certain residential mortgage key credit statistics on both a reported basis and excluding the fully-insured loan portfolio. The following discussion presents the residential mortgage portfolio excluding the fully-insured loan portfolio.

Table 19 Residential Mortgage – Key Credit Statistics

	Reported Basis ⁽¹⁾		Excluding Fully-insured Loans ⁽¹⁾	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020
(Dollars in millions)				
Outstandings	\$ 216,940	\$ 223,555	\$ 204,316	\$ 211,737
Accruing past due 30 days or more	1,752	2,314	822	1,224
Accruing past due 90 days or more	648	762	—	—
Nonperforming loans ⁽²⁾	2,296	2,005	2,296	2,005
Percent of portfolio				
Refreshed LTV greater than 90 but less than or equal to 100	1 %	2 %	1 %	1 %
Refreshed LTV greater than 100	—	1	—	1
Refreshed FICO below 620	2	2	1	1

⁽¹⁾ Outstandings, accruing past due, nonperforming loans and percentages of portfolio exclude loans accounted for under the fair value option. For information on our interest accrual policies and delinquency status for loan modifications related to the pandemic, see Note 1 – Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

⁽²⁾ Includes loans that are contractually current which primarily consist of collateral-dependent TDRs, including those that have been discharged in Chapter 7 bankruptcy and loans that have not yet demonstrated a sustained period of payment performance following a TDR.

Nonperforming outstanding balances in the residential mortgage portfolio increased \$291 million during the nine months ended September 30, 2021 primarily driven by deferral activity. Of the nonperforming residential mortgage loans at September 30, 2021, \$1.3 billion, or 55 percent, were current on contractual payments. Loans accruing past due 30 days or more decreased \$402 million driven by continued improvement in credit quality.

Net recoveries of \$7 million and \$17 million for the three and nine months ended September 30, 2021 remained relatively unchanged compared to the same periods in the prior year.

Of the \$204.3 billion in total residential mortgage loans outstanding at September 30, 2021, as shown in Table 20, 28 percent were originated as interest-only loans. The outstanding balance of interest-only residential mortgage loans that have entered the amortization period was \$5.1 billion, or nine percent, at September 30, 2021. Residential mortgage loans that have entered the amortization period generally experienced a higher rate of early stage delinquencies and nonperforming status compared to the residential mortgage portfolio as a whole. At September 30, 2021, \$61 million, or one percent, of outstanding interest-only residential mortgages that had entered the amortization period were accruing past due 30 days or more

compared to \$822 million, or less than one percent, for the entire residential mortgage portfolio. In addition, at September 30, 2021, \$287 million, or six percent, of outstanding interest-only residential mortgage loans that had entered the amortization period were nonperforming, of which \$107 million were contractually current, compared to \$2.3 billion, or one percent, for the entire residential mortgage portfolio. Loans that have yet to enter the amortization period in our interest-only residential mortgage portfolio are primarily well-collateralized loans to our wealth management clients and have an interest-only period of three to ten years. Approximately 97 percent of these loans that have yet to enter the amortization period will not be required to make a fully-amortizing payment until 2022 or later.

Table 20 presents outstandings, nonperforming loans and net charge-offs by certain state concentrations for the residential mortgage portfolio. The Los Angeles-Long Beach-Santa Ana Metropolitan Statistical Area (MSA) within California represented 15 percent and 16 percent of outstandings at September 30, 2021 and December 31, 2020. In the New York area, the New York-Northern New Jersey-Long Island MSA made up 15 percent and 14 percent of outstandings at September 30, 2021 and December 31, 2020.

Table 20 Residential Mortgage State Concentrations

	Outstandings ⁽¹⁾		Nonperforming ⁽¹⁾		Net Charge-offs			
	September 30 2021	December 31 2020	September 30 2021	December 31 2020	Three Months Ended September 30		Nine Months Ended September 30	
(Dollars in millions)					2021	2020	2021	2020
California	\$ 75,884	\$ 83,185	\$ 708	\$ 570	(3)	(5)	(10)	(16)
New York	24,402	23,832	351	272	—	1	2	2
Florida	13,524	13,017	160	175	(1)	(1)	(5)	(4)
Texas	8,810	8,868	91	78	—	—	—	—
New Jersey	8,526	8,806	108	98	—	(1)	—	(1)
Other	73,170	74,029	878	812	(3)	—	(4)	(8)
Residential mortgage loans	\$ 204,316	\$ 211,737	\$ 2,296	\$ 2,005	(7)	(6)	(17)	(27)
Fully-insured loan portfolio	12,624	11,818						
Total residential mortgage loan portfolio	\$ 216,940	\$ 223,555						

⁽¹⁾ Outstandings and nonperforming loans exclude loans accounted for under the fair value option.

Home Equity

At September 30, 2021, the home equity portfolio made up seven percent of the consumer portfolio and was comprised of home equity lines of credit (HELOCs), home equity loans and reverse mortgages. HELOCs generally have an initial draw period of 10 years, and after the initial draw period ends, the loans generally convert to 15- or 20-year amortizing loans. We no longer originate home equity loans or reverse mortgages.

At September 30, 2021, 80 percent of the home equity portfolio was in *Consumer Banking*, 12 percent was in *All Other* and the remainder of the portfolio was primarily in *GWIM*. Outstanding balances in the home equity portfolio decreased \$5.3 billion during the nine months ended September 30, 2021 primarily due to paydowns outpacing new

originations and draws on existing lines. Of the total home equity portfolio at September 30, 2021 and December 31, 2020, \$12.4 billion, or 43 percent, and \$13.8 billion, or 40 percent, were in first-lien positions. At September 30, 2021, outstanding balances in the home equity portfolio that were in a second-lien or more junior-lien position and where we also held the first-lien loan totaled \$4.8 billion, or 17 percent of our total home equity portfolio.

Unused HELOCs totaled \$40.8 billion and \$42.3 billion at September 30, 2021 and December 31, 2020. The HELOC utilization rate was 40 percent and 43 percent at September 30, 2021 and December 31, 2020.

Table 21 presents certain home equity portfolio key credit statistics.

Table 21 Home Equity – Key Credit Statistics ⁽¹⁾

	September 30 2021	December 31 2020
(Dollars in millions)		
Outstandings	\$ 29,000	\$ 34,311
Accruing past due 30 days or more ⁽²⁾	165	186
Nonperforming loans ^(2, 3)	676	649
Percent of portfolio		
Refreshed CLTV greater than 90 but less than or equal to 100	1 %	1 %
Refreshed CLTV greater than 100	1	1
Refreshed FICO below 620	3	3

⁽¹⁾ Outstandings, accruing past due, nonperforming loans and percentages of the portfolio exclude loans accounted for under the fair value option. For information on our interest accrual policies and delinquency status for loan modifications related to the pandemic, see Note 1 – Summary of Significant Accounting Principles to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

⁽²⁾ Accruing past due 30 days or more include \$26 million and \$25 million and nonperforming loans include \$86 million and \$88 million of loans where we serviced the underlying first lien at September 30, 2021 and December 31, 2020.

⁽³⁾ Includes loans that are contractually current which primarily consist of collateral-dependent TDRs, including those that have been discharged in Chapter 7 bankruptcy, junior-lien loans where the underlying first lien is 90 days or more past due, as well as loans that have not yet demonstrated a sustained period of payment performance following a TDR.

Nonperforming outstanding balances in the home equity portfolio increased \$27 million during the nine months ended September 30, 2021, as new additions outpaced returns to performing status and paydowns. Of the nonperforming home equity loans at September 30, 2021, \$273 million, or 40 percent were current on contractual payments. In addition, \$256 million, or 38 percent of nonperforming home equity loans were 180 days or more past due and had been written down to the estimated fair value of the collateral, less costs to sell. Accruing loans that were 30 days or more past due decreased \$21 million during the nine months ended September 30, 2021.

Net recoveries increased \$14 million to \$34 million and \$48 million to \$93 million for the three and nine months ended September 30, 2021 compared to the same periods in 2020. The increase was driven by favorable portfolio trends due in part to improvement in home prices.

Of the \$29.0 billion in total home equity portfolio outstandings at September 30, 2021, as shown in Table 21, 14 percent require interest-only payments. The outstanding balance of HELOCs that have reached the end of their draw period and have entered the amortization period was \$7.4 billion at September 30, 2021. The HELOCs that have entered the amortization period have experienced a higher percentage of early stage delinquencies and nonperforming status when compared to the HELOC portfolio as a whole. At September 30, 2021, \$103 million, or one percent, of outstanding HELOCs that had entered the amortization period were accruing past due 30

days or more. In addition, at September 30, 2021, \$484 million, or seven percent, were nonperforming. Loans that have yet to enter the amortization period in our interest-only portfolio are primarily post-2008 vintages and generally have better credit quality than the previous vintages that had entered the amortization period. We communicate to contractually current customers more than a year prior to the end of their draw period to inform them of the potential change to the payment structure before entering the amortization period, and provide payment options to customers prior to the end of the draw period.

Although we do not actively track how many of our home equity customers pay only the minimum amount due on their home equity loans and lines, we can infer some of this information through a review of our HELOC portfolio that we service and that is still in its revolving period. During the three months ended September 30, 2021, 20 percent of these customers with an outstanding balance did not pay any principal on their HELOCs.

Table 22 presents outstandings, nonperforming balances and net charge-offs by certain state concentrations for the home equity portfolio. In the New York area, the New York-Northern New Jersey-Long Island MSA made up 13 percent of the outstanding home equity portfolio at both September 30, 2021 and December 31, 2020. The Los Angeles-Long Beach-Santa Ana MSA within California made up 11 percent of the outstanding home equity portfolio at both September 30, 2021 and December 31, 2020.

Table 22 Home Equity State Concentrations

(Dollars in millions)	Outstandings ⁽¹⁾		Nonperforming ⁽¹⁾		Net Charge-offs			
					Three Months Ended September 30		Nine Months Ended September 30	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020	2021	2020	2021	2020
California	\$ 7,886	\$ 9,488	\$ 149	\$ 143	\$ (9)	\$ (8)	\$ (31)	\$ (17)
Florida	3,113	3,715	83	80	(5)	(2)	(16)	(7)
New Jersey	2,346	2,749	72	67	(1)	—	(3)	(1)
New York	2,157	2,495	101	103	(2)	(1)	(3)	—
Massachusetts	1,484	1,719	33	32	(2)	—	(2)	1
Other	12,014	14,145	238	224	(15)	(9)	(38)	(21)
Total home equity loan portfolio	\$ 29,000	\$ 34,311	\$ 676	\$ 649	\$ (34)	\$ (20)	\$ (93)	\$ (45)

⁽¹⁾ Outstandings and nonperforming loans exclude loans accounted for under the fair value option.

Credit Card

At September 30, 2021, 97 percent of the credit card portfolio was managed in *Consumer Banking* with the remainder in *GWIM*. Outstandings in the credit card portfolio decreased \$1.8 billion during the nine months ended September 30, 2021 to \$76.9 billion as increased payments more than offset higher purchase volumes as spending continued to recover. Net charge-offs decreased \$188 million to \$321 million and \$501 million to \$1.4 billion during the three and nine months ended September 30, 2021 compared to the same periods in 2020 due to balance declines and the impact of government stimulus

measures, partially offset by charge-offs of certain loans with deferrals that expired in 2020. Credit card loans 30 days or more past due and still accruing interest decreased \$755 million, and loans 90 days or more past due and still accruing interest decreased \$453 million primarily due to charge-offs of certain loans with deferrals that expired in 2020 and the impact of government stimulus measures.

Unused lines of credit for credit card increased to \$359.0 billion at September 30, 2021 from \$342.4 billion at December 31, 2020.

Table 23 presents certain state concentrations for the credit card portfolio.

Table 23 Credit Card State Concentrations

(Dollars in millions)	Outstandings		Accruing Past Due 90 Days or More ⁽¹⁾		Net Charge-offs			
					Three Months Ended September 30		Nine Months Ended September 30	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020	2021	2020	2021	2020
California	\$ 12,248	\$ 12,543	\$ 81	\$ 166	\$ 60	\$ 92	\$ 273	\$ 347
Florida	7,504	7,666	64	135	46	66	205	252
Texas	6,483	6,499	44	87	30	45	132	166
New York	4,488	4,654	32	76	24	43	116	154
Washington	3,840	3,685	12	21	7	12	32	47
Other	42,306	43,661	217	418	154	251	685	978
Total credit card portfolio	\$ 76,869	\$ 78,708	\$ 450	\$ 903	\$ 321	\$ 509	\$ 1,443	\$ 1,944

⁽¹⁾ For information on our interest accrual policies and delinquency status for loan modifications related to the pandemic, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Direct/Indirect Consumer

At September 30, 2021, 48 percent of the direct/indirect portfolio was included in *Consumer Banking* (consumer auto and recreational vehicle lending) and 52 percent was included in *GWIM* (principally securities-based lending loans). Outstandings

in the direct/indirect portfolio increased by \$8.5 billion during the nine months ended September 30, 2021 to \$99.8 billion driven by client demand for liquidity and high asset values in the securities-based lending portfolio.

Table 24 presents certain state concentrations for the direct/indirect consumer loan portfolio.

Table 24 Direct/Indirect State Concentrations

(Dollars in millions)	Outstandings		Accruing Past Due 90 Days or More ⁽¹⁾		Net Charge-offs			
	September 30 2021	December 31 2020	September 30 2021	December 31 2020	Three Months Ended September 30		Nine Months Ended September 30	
					2021	2020	2021	2020
California	\$ 14,225	\$ 12,248	\$ 1	\$ 6	\$ (2)	\$ 2	\$ 3	\$ 13
Florida	12,590	10,891	1	4	(2)	3	—	14
Texas	9,402	8,981	1	6	(4)	4	2	13
New York	7,511	6,609	1	2	1	2	4	6
New Jersey	3,988	3,572	—	—	—	—	(1)	1
Other	52,129	49,062	4	15	(11)	7	(4)	37
Total direct/indirect loan portfolio	\$ 99,845	\$ 91,363	\$ 8	\$ 33	\$ (18)	\$ 18	\$ 4	\$ 84

⁽¹⁾ For information on our interest accrual policies and delinquency status for loan modifications related to the pandemic, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Nonperforming Consumer Loans, Leases and Foreclosed Properties Activity

Table 25 presents nonperforming consumer loans, leases and foreclosed properties activity for the three and nine months ended September 30, 2021 and 2020. During the nine months ended September 30, 2021, nonperforming consumer loans increased \$292 million to \$3.0 billion primarily driven by consumer real estate deferral activity.

At September 30, 2021, \$857 million, or 28 percent of nonperforming loans were 180 days or more past due and had been written down to their estimated property value less costs

to sell. In addition, at September 30, 2021, \$1.6 billion, or 52 percent of nonperforming consumer loans were modified and are now current after successful trial periods, or are current loans classified as nonperforming loans in accordance with applicable policies.

Foreclosed properties decreased \$36 million during the nine months ended September 30, 2021 to \$87 million. Nonperforming loans also include certain loans that have been modified in TDRs where economic concessions have been granted to borrowers experiencing financial difficulties. Nonperforming TDRs are included in Table 25.

Table 25 Nonperforming Consumer Loans, Leases and Foreclosed Properties Activity

(Dollars in millions)	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
Nonperforming loans and leases, beginning of period	\$ 3,044	\$ 2,191	\$ 2,725	\$ 2,053
Additions	353	587	1,635	1,418
Reductions:				
Paydowns and payoffs	(163)	(113)	(446)	(303)
Sales	(1)	—	(3)	(31)
Returns to performing status ⁽¹⁾	(201)	(291)	(839)	(689)
Charge-offs	(12)	(13)	(49)	(62)
Transfers to foreclosed properties	(3)	(4)	(6)	(29)
Total net additions/(reductions) to nonperforming loans and leases	(27)	166	292	304
Total nonperforming loans and leases, September 30	3,017	2,357	3,017	2,357
Foreclosed properties, September 30 ⁽²⁾	87	135	87	135
Nonperforming consumer loans, leases and foreclosed properties, September 30	\$ 3,104	\$ 2,492	\$ 3,104	\$ 2,492
Nonperforming consumer loans and leases as a percentage of outstanding consumer loans and leases ⁽³⁾	0.71 %	0.54 %		
Nonperforming consumer loans, leases and foreclosed properties as a percentage of outstanding consumer loans, leases and foreclosed properties ⁽³⁾	0.73	0.57		

⁽¹⁾ Consumer loans may be returned to performing status when all principal and interest is current and full repayment of the remaining contractual principal and interest is expected, or when the loan otherwise becomes well-secured and is in the process of collection.

⁽²⁾ Foreclosed property balances do not include properties insured by certain government-guaranteed loans, principally FHA-insured, of \$55 million and \$131 million at September 30, 2021 and 2020.

⁽³⁾ Outstanding consumer loans and leases exclude loans accounted for under the fair value option.

Table 26 presents TDRs for the consumer real estate portfolio. Performing TDR balances are excluded from nonperforming loans and leases in Table 25.

Table 26 Consumer Real Estate Troubled Debt Restructurings

(Dollars in millions)	September 30, 2021			December 31, 2020		
	Nonperforming	Performing	Total	Nonperforming	Performing	Total
Residential mortgage ^(1, 2)	\$ 1,530	\$ 2,422	\$ 3,952	\$ 1,195	\$ 2,899	\$ 4,094
Home equity ⁽³⁾	265	692	957	248	836	1,084
Total consumer real estate troubled debt restructurings	\$ 1,795	\$ 3,114	\$ 4,909	\$ 1,443	\$ 3,735	\$ 5,178

⁽¹⁾ At September 30, 2021 and December 31, 2020, residential mortgage TDRs deemed collateral dependent totaled \$1.7 billion and \$1.4 billion, and included \$1.4 billion and \$1.0 billion of loans classified as nonperforming and \$297 million and \$361 million of loans classified as performing.

⁽²⁾ At September 30, 2021 and December 31, 2020, residential mortgage performing TDRs include \$1.3 billion and \$1.5 billion of loans that were fully-insured.

⁽³⁾ At September 30, 2021 and December 31, 2020, home equity TDRs deemed collateral dependent totaled \$390 million and \$407 million, and include \$232 million and \$216 million of loans classified as nonperforming and \$158 million and \$191 million of loans classified as performing.

In addition to modifying consumer real estate loans, we work with customers who are experiencing financial difficulty by modifying credit card and other consumer loans. Credit card and other consumer loan modifications generally involve a reduction in the customer's interest rate on the account and placing the customer on a fixed payment plan not exceeding 60 months.

Modifications of credit card and other consumer loans are made through programs utilizing direct customer contact, but may also utilize external programs. At September 30, 2021 and December 31, 2020, our credit card and other consumer TDR portfolio was \$654 million and \$701 million, of which \$590 million and \$614 million were current or less than 30 days past due under the modified terms.

Commercial Portfolio Credit Risk Management

Commercial credit risk is evaluated and managed with the goal that concentrations of credit exposure continue to be aligned with our risk appetite. We review, measure and manage concentrations of credit exposure by industry, product, geography, customer relationship and loan size. We also review, measure and manage commercial real estate loans by geographic location and property type. In addition, within our non-U.S. portfolio, we evaluate exposures by region and by country. Tables 31, 34 and 37 summarize our concentrations. We also utilize syndications of exposure to third parties, loan sales, hedging and other risk mitigation techniques to manage the size and risk profile of the commercial credit portfolio. For more information on our industry concentrations, see Table 34 and Commercial Portfolio Credit Risk Management – Industry Concentrations on page 39.

For more information on our accounting policies regarding delinquencies, nonperforming status, net charge-offs and TDRs for the commercial portfolio as well as interest accrual policies and delinquency status for loan modifications related to the pandemic, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Commercial Credit Portfolio

During the nine months ended September 30, 2021, commercial credit quality improved as the economic recovery gained momentum amid COVID-19 containment and vaccination progress. Accordingly, charge-offs, nonperforming commercial

loans and reservable criticized utilized exposure declined during this period. Outstanding commercial loans and leases increased \$5.2 billion during the nine months ended September 30, 2021 due to growth in commercial and industrial, primarily in *Global Markets* with most of the increase in investment grade exposures. This increase was largely offset by lower U.S. small business commercial loans due to PPP forgiveness. For more information on PPP loans, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Credit quality of commercial real estate borrowers has begun to stabilize in many sectors as economies have reopened. However, certain sectors, including hospitality, while showing signs of improvement, continue to be negatively impacted due to the pandemic. Moreover, many real estate markets, while improving, are still experiencing some disruptions in demand, supply chain challenges and tenant difficulties. Current and future office demand is uncertain as companies evaluate space needs with employment models that utilize a mix of remote and conventional office use.

The commercial allowance for loan and lease losses decreased \$2.8 billion during the nine months ended September 30, 2021 to \$6.0 billion driven by improvements in the macroeconomic outlook and credit quality. For more information, see Allowance for Credit Losses on page 42.

Total commercial utilized credit exposure decreased \$4.9 billion during the nine months ended September 30, 2021 to \$615.4 billion primarily driven by lower derivative assets. The utilization rate for loans and leases, standby letters of credit (SBLCs) and financial guarantees, and commercial letters of credit, in the aggregate, was 55 percent at September 30, 2021 and 57 percent at December 31, 2020.

Table 27 presents commercial credit exposure by type for utilized, unfunded and total binding committed credit exposure. Commercial utilized credit exposure includes SBLCs and financial guarantees and commercial letters of credit that have been issued and for which we are legally bound to advance funds under prescribed conditions during a specified time period, and excludes exposure related to trading account assets. Although funds have not yet been advanced, these exposure types are considered utilized for credit risk management purposes.

Table 27 Commercial Credit Exposure by Type

	Commercial Utilized ⁽¹⁾		Commercial Unfunded ^(2, 3, 4)		Total Commercial Committed	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020	September 30 2021	December 31 2020
(Dollars in millions)						
Loans and leases	\$ 504,264	\$ 499,065	\$ 446,891	\$ 404,740	\$ 951,155	\$ 903,805
Derivative assets ⁽⁵⁾	40,829	47,179	—	—	40,829	47,179
Standby letters of credit and financial guarantees	33,766	34,616	829	538	34,595	35,154
Debt securities and other investments	20,738	22,618	5,448	4,827	26,186	27,445
Loans held-for-sale	7,440	8,378	24,674	9,556	32,114	17,934
Operating leases	5,885	6,424	—	—	5,885	6,424
Commercial letters of credit	1,299	855	511	280	1,810	1,135
Other	1,146	1,168	—	—	1,146	1,168
Total	\$ 615,367	\$ 620,303	\$ 478,353	\$ 419,941	\$ 1,093,720	\$ 1,040,244

⁽¹⁾ Commercial utilized exposure includes loans of \$7.0 billion and \$5.9 billion and issued letters of credit with a notional amount of \$86 million and \$89 million accounted for under the fair value option at September 30, 2021 and December 31, 2020.

⁽²⁾ Commercial unfunded exposure includes commitments accounted for under the fair value option with a notional amount of \$4.9 billion and \$3.9 billion at September 30, 2021 and December 31, 2020.

⁽³⁾ Excludes unused business card lines, which are not legally binding.

⁽⁴⁾ Includes the notional amount of unfunded legally binding lending commitments net of amounts distributed (i.e., syndicated or participated) to other financial institutions. The distributed amounts were \$10.3 billion and \$10.5 billion at September 30, 2021 and December 31, 2020.

⁽⁵⁾ Derivative assets are carried at fair value, reflect the effects of legally enforceable master netting agreements and have been reduced by cash collateral of \$31.2 billion and \$42.5 billion at September 30, 2021 and December 31, 2020. Not reflected in utilized and committed exposure is additional non-cash derivative collateral held of \$39.9 billion and \$39.3 billion at September 30, 2021 and December 31, 2020, which consists primarily of other marketable securities.

Nonperforming commercial loans decreased \$530 million and commercial reservable criticized utilized exposure decreased \$14.5 billion, which was broad-based across industries. Table 28 presents our commercial loans and leases portfolio and related credit quality information at September 30, 2021 and December 31, 2020.

Table 28 Commercial Credit Quality

	Outstandings		Nonperforming		Accruing Past Due 90 Days or More	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020	September 30 2021	December 31 2020
(Dollars in millions)						
Commercial and industrial:						
U.S. commercial	\$ 295,927	\$ 288,728	\$ 909	\$ 1,243	\$ 84	\$ 228
Non-U.S. commercial	102,850	90,460	272	418	60	10
Total commercial and industrial	398,777	379,188	1,181	1,661	144	238
Commercial real estate	60,723	60,364	414	404	5	6
Commercial lease financing	15,044	17,098	70	87	11	25
	474,544	456,650	1,665	2,152	160	269
U.S. small business commercial ⁽¹⁾	22,770	36,469	32	75	64	115
Commercial loans excluding loans accounted for under the fair value option	497,314	493,119	\$ 1,697	\$ 2,227	\$ 224	\$ 384
Loans accounted for under the fair value option ⁽²⁾	6,950	5,946				
Total commercial loans and leases	\$ 504,264	\$ 499,065				

⁽¹⁾ Includes card-related products.

⁽²⁾ Commercial loans accounted for under the fair value option include U.S. commercial of \$4.5 billion and \$2.9 billion and non-U.S. commercial of \$2.4 billion and \$3.0 billion at September 30, 2021 and December 31, 2020. For more information on the fair value option, see Note 15 – Fair Value Option to the Consolidated Financial Statements.

Table 29 presents net charge-offs and related ratios for our commercial loans and leases for the three and nine months ended September 30, 2021 and 2020.

Table 29 Commercial Net Charge-offs and Related Ratios

	Net Charge-offs				Net Charge-off Ratios ⁽¹⁾			
	Three Months Ended September 30		Nine Months Ended September 30		Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020	2021	2020	2021	2020
(Dollars in millions)								
Commercial and industrial:								
U.S. commercial	\$ 15	\$ 154	\$ (4)	\$ 536	0.02 %	0.20 %	— %	0.23 %
Non-U.S. commercial	1	57	41	90	—	0.23	0.06	0.11
Total commercial and industrial	16	211	37	626	0.02	0.21	0.01	0.20
Commercial real estate	—	106	28	169	—	0.66	0.06	0.35
Commercial lease financing	(1)	24	(1)	60	—	0.53	—	0.43
	15	341	64	855	0.01	0.28	0.02	0.23
U.S. small business commercial	119	67	282	215	1.76	0.69	1.16	1.01
Total commercial	\$ 134	\$ 408	\$ 346	\$ 1,070	0.11	0.31	0.09	0.27

⁽¹⁾ Net charge-off ratios are calculated as annualized net charge-offs divided by average outstanding loans and leases excluding loans accounted for under the fair value option.

Table 30 presents commercial reservable criticized utilized exposure by loan type. Criticized exposure corresponds to the Special Mention, Substandard and Doubtful asset categories as defined by regulatory authorities. Total commercial reservable criticized utilized exposure decreased \$14.5 billion during the nine months ended September 30, 2021, which was broad-based across industries. At September 30, 2021 and December 31, 2020, 85 percent and 79 percent of commercial reservable criticized utilized exposure was secured.

Table 30 Commercial Reservable Criticized Utilized Exposure ^(1, 2)

(Dollars in millions)	September 30, 2021		December 31, 2020	
Commercial and industrial:				
U.S. commercial	\$ 12,275	3.78 %	\$ 21,388	6.83 %
Non-U.S. commercial	2,904	2.69	5,051	5.03
Total commercial and industrial	15,179	3.51	26,439	6.40
Commercial real estate	7,933	12.70	10,213	16.42
Commercial lease financing	404	2.68	714	4.18
	23,516	4.61	37,366	7.59
U.S. small business commercial	626	2.75	1,300	3.56
Total commercial reservable criticized utilized exposure	\$ 24,142	4.53	\$ 38,666	7.31

⁽¹⁾ Total commercial reservable criticized utilized exposure includes loans and leases of \$22.9 billion and \$36.6 billion and commercial letters of credit of \$1.2 billion and \$2.1 billion at September 30, 2021 and December 31, 2020.

⁽²⁾ Percentages are calculated as commercial reservable criticized utilized exposure divided by total commercial reservable utilized exposure for each exposure category.

Commercial and Industrial

Commercial and industrial loans include U.S. commercial and non-U.S. commercial portfolios.

U.S. Commercial

At September 30, 2021, 62 percent of the U.S. commercial loan portfolio, excluding small business, was managed in *Global Banking*, 21 percent in *Global Markets*, 16 percent in *GWIM* (loans that provide financing for asset purchases, business investments and other liquidity needs for high net worth clients) and the remainder primarily in *Consumer Banking*. U.S. commercial loans increased \$7.2 billion during the nine months ended September 30, 2021 driven by *Global Markets*. Reservable criticized utilized exposure decreased \$9.1 billion, which was broad-based across industries.

Non-U.S. Commercial

At September 30, 2021, 71 percent of the non-U.S. commercial loan portfolio was managed in *Global Banking* and 29 percent in *Global Markets*. Non-U.S. commercial loans increased \$12.4 billion during the nine months ended September 30, 2021 primarily in *Global Markets*. For information on the non-U.S. commercial portfolio, see Non-U.S. Portfolio on page 41.

Commercial Real Estate

Commercial real estate primarily includes commercial loans secured by non-owner-occupied real estate and is dependent on the sale or lease of the real estate as the primary source of repayment. Outstanding loans remained relatively unchanged at \$60.7 billion as of September 30, 2021. The portfolio remains diversified across property types and geographic regions. California represented the largest state concentration at 22 percent and 23 percent of the commercial real estate portfolio at September 30, 2021 and December 31, 2020. The commercial real estate portfolio is predominantly managed in *Global Banking* and consists of loans made primarily to public and private developers, and commercial real estate firms.

For the three and nine months ended September 30, 2021 and 2020, we continued to see low default rates and varying degrees of improvement in the portfolio. We use a number of proactive risk mitigation initiatives to reduce adversely rated exposure in the commercial real estate portfolio, including transfers of deteriorating exposures for management by independent special asset officers and the pursuit of loan restructurings or asset sales to achieve the best results for our customers and the Corporation.

Table 31 presents outstanding commercial real estate loans by geographic region, based on the geographic location of the collateral, and by property type.

Table 31 Outstanding Commercial Real Estate Loans

(Dollars in millions)	September 30 2021	December 31 2020
By Geographic Region		
California	\$ 13,559	\$ 14,028
Northeast	13,057	11,628
Southwest	7,762	8,551
Southeast	6,630	6,588
Florida	4,316	4,294
Illinois	2,906	2,594
Midwest	2,487	3,483
Midsouth	2,265	2,370
Northwest	1,574	1,634
Non-U.S.	4,101	3,187
Other	2,066	2,007
Total outstanding commercial real estate loans	\$ 60,723	\$ 60,364
By Property Type		
Non-residential		
Office	\$ 18,327	\$ 17,667
Industrial / Warehouse	9,292	8,330
Multi-family rental	7,780	7,051
Shopping centers /Retail	6,642	7,931
Hotel / Motels	6,364	7,226
Unsecured	3,137	2,336
Multi-use	1,294	1,460
Other	6,700	7,146
Total non-residential	59,536	59,147
Residential	1,187	1,217
Total outstanding commercial real estate loans	\$ 60,723	\$ 60,364

U.S. Small Business Commercial

The U.S. small business commercial loan portfolio is comprised of small business card loans and small business loans primarily managed in *Consumer Banking*, and includes \$8.4 billion and \$22.7 billion of PPP loans outstanding at September 30, 2021 and December 31, 2020. The decline of \$14.3 billion in PPP loans during the nine months ended September 30, 2021 was due to repayment of the loans by the Small Business

Administration under the terms of the program. Excluding PPP, credit card-related products were 51 percent and 50 percent of the U.S. small business commercial portfolio at September 30, 2021 and December 31, 2020 and represented 100 percent and 96 percent of net charge-offs for the three and nine months ended September 30, 2021 compared to 93 percent for the three and nine months ended September 30, 2020.

Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity

Table 32 presents the nonperforming commercial loans, leases and foreclosed properties activity during the three and nine months ended September 30, 2021 and 2020. Nonperforming loans do not include loans accounted for under the fair value option. During the nine months ended September 30, 2021, nonperforming commercial loans and leases decreased \$530 million to \$1.7 billion. At September 30, 2021, 82 percent of commercial nonperforming loans, leases and foreclosed properties were secured and 65 percent were contractually current. Commercial nonperforming loans were carried at 87 percent of their unpaid principal balance, as the carrying value of these loans has been reduced to the estimated collateral value less costs to sell.

Table 32 Nonperforming Commercial Loans, Leases and Foreclosed Properties Activity ^(1, 2)

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Nonperforming loans and leases, beginning of period	\$ 1,863	\$ 2,202	\$ 2,227	\$ 1,499
Additions	275	656	1,250	2,326
Reductions:				
Paydowns	(297)	(216)	(873)	(605)
Sales	(29)	(50)	(128)	(76)
Returns to performing status ⁽³⁾	(82)	(21)	(169)	(45)
Charge-offs	(33)	(367)	(219)	(895)
Transfers to loans held-for-sale	—	(11)	(391)	(11)
Total net additions (reductions) to nonperforming loans and leases	(166)	(9)	(530)	694
Total nonperforming loans and leases, September 30	1,697	2,193	1,697	2,193
Foreclosed properties, September 30	30	45	30	45
Nonperforming commercial loans, leases and foreclosed properties, September 30	\$ 1,727	\$ 2,238	\$ 1,727	\$ 2,238
Nonperforming commercial loans and leases as a percentage of outstanding commercial loans and leases ⁽⁴⁾	0.34 %	0.43 %		
Nonperforming commercial loans, leases and foreclosed properties as a percentage of outstanding commercial loans, leases and foreclosed properties ⁽⁴⁾	0.35	0.44		

⁽¹⁾ Balances do not include nonperforming loans held-for-sale of \$279 million and \$184 million at September 30, 2021 and 2020.

⁽²⁾ Includes U.S. small business commercial activity. Small business card loans are excluded as they are not classified as nonperforming.

⁽³⁾ Commercial loans and leases may be returned to performing status when all principal and interest is current and full repayment of the remaining contractual principal and interest is expected, or when the loan otherwise becomes well-secured and is in the process of collection. TDRs are generally classified as performing after a sustained period of demonstrated payment performance.

⁽⁴⁾ Outstanding commercial loans exclude loans accounted for under the fair value option.

Table 33 presents our commercial TDRs by product type and performing status. U.S. small business commercial TDRs are comprised of renegotiated small business card loans and small business loans. The renegotiated small business card loans are

not classified as nonperforming as they are charged off no later than the end of the month in which the loan becomes 180 days past due.

Table 33 Commercial Troubled Debt Restructurings

	September 30, 2021			December 31, 2020		
	Nonperforming	Performing	Total	Nonperforming	Performing	Total
(Dollars in millions)						
Commercial and industrial:						
U.S. commercial	\$ 377	\$ 776	\$ 1,153	\$ 509	\$ 850	\$ 1,359
Non-U.S. commercial	65	30	95	49	119	168
Total commercial and industrial	442	806	1,248	558	969	1,527
Commercial real estate	158	440	598	137	—	137
Commercial lease financing	34	8	42	42	2	44
	634	1,254	1,888	737	971	1,708
U.S. small business commercial	—	35	35	—	29	29
Total commercial troubled debt restructurings	\$ 634	\$ 1,289	\$ 1,923	\$ 737	\$ 1,000	\$ 1,737

Industry Concentrations

Table 34 presents commercial committed and utilized credit exposure by industry. For information on net notional credit protection purchased to hedge funded and unfunded exposures for which we elected the fair value option, as well as certain other credit exposures, see Commercial Portfolio Credit Risk Management – Risk Mitigation.

Our commercial credit exposure is diversified across a broad range of industries. Total commercial committed exposure increased \$53.5 billion, or five percent, during the nine months ended September 30, 2021 to \$1.1 trillion. The increase in commercial committed exposure was concentrated in Asset managers and funds, Finance companies, Capital goods and Individuals and trusts industry sectors. Increases were partially offset by decreased exposure to the Government and public education and Automobiles and components industry sectors.

For information on industry limits, see Commercial Portfolio Credit Risk Management – Industry Concentrations in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Asset managers and funds, our largest industry concentration with committed exposure of \$132.2 billion, increased \$31.9 billion, or 32 percent, during the nine months

ended September 30, 2021, which was primarily driven by secured investment grade exposures.

Real estate, our second largest industry concentration with committed exposure of \$94.5 billion, increased \$2.7 billion, or three percent, during the nine months ended September 30, 2021. For more information on the commercial real estate and related portfolios, see Commercial Portfolio Credit Risk Management – Commercial Real Estate on page 37.

Capital goods, our third largest industry concentration with committed exposure of \$87.0 billion, increased \$6.2 billion, or eight percent, during the nine months ended September 30, 2021 with the growth largely occurring in building products, machinery and trading companies and distributors.

Given the widespread impact of the pandemic on the U.S. and global economy, a number of industries have been and may continue to be adversely impacted. We continue to monitor all industries, particularly higher risk industries that are experiencing or could experience a more significant impact to their financial condition. For more information on the pandemic, see Executive Summary – Recent Developments – COVID-19 Pandemic on page 3.

Table 34 Commercial Credit Exposure by Industry ⁽¹⁾

	Commercial Utilized		Total Commercial Committed ⁽²⁾	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020
(Dollars in millions)				
Asset managers & funds	\$ 84,420	\$ 67,360	\$ 132,205	\$ 100,296
Real estate ⁽³⁾	67,925	68,967	94,462	91,730
Capital goods	40,501	39,807	87,011	80,815
Finance companies	49,979	46,948	78,110	70,004
Healthcare equipment and services	30,442	33,488	59,632	57,540
Materials	24,629	24,516	53,967	50,757
Government & public education	37,468	41,669	49,730	56,212
Consumer services	27,856	31,993	48,559	47,997
Retailing	22,882	23,700	47,037	48,306
Food, beverage and tobacco	21,813	22,755	44,508	44,417
Commercial Services And Supplies	19,192	21,107	38,222	38,092
Individuals And Trusts	28,379	24,727	38,119	34,036
Energy	14,850	13,930	33,378	32,974
Utilities	14,475	12,387	32,975	29,234
Transportation	21,862	23,126	32,753	33,082
Media	12,450	12,632	26,521	24,120
Technology hardware and equipment	9,866	9,935	25,520	24,196
Software and services	9,553	10,853	24,549	22,524
Global commercial banks	19,017	20,544	21,168	22,595
Consumer durables and apparel	9,028	9,232	20,243	20,223
Telecommunication services	8,435	9,411	19,072	15,605
Pharmaceuticals and biotechnology	4,534	4,830	17,672	15,901
Automobiles and components	9,104	10,792	16,967	20,575
Vehicle dealers	9,282	15,028	15,247	18,696
Insurance	4,977	5,772	13,381	13,277
Food and staples retailing	5,322	5,209	11,424	11,795
Financial markets infrastructure (clearinghouses)	3,680	4,939	5,905	8,648
Religious and social organizations	3,446	4,646	5,383	6,597
Total commercial credit exposure by industry	\$ 615,367	\$ 620,303	\$ 1,093,720	\$ 1,040,244

⁽¹⁾ Includes U.S. small business commercial exposure.

⁽²⁾ Includes the notional amount of unfunded legally binding lending commitments net of amounts distributed (i.e., syndicated or participated) to other financial institutions. The distributed amounts were \$10.3 billion and \$10.5 billion at September 30, 2021 and December 31, 2020.

⁽³⁾ Industries are viewed from a variety of perspectives to best isolate the perceived risks. For purposes of this table, the real estate industry is defined based on the primary business activity of the borrowers or counterparties using operating cash flows and primary source of repayment as key factors.

Risk Mitigation

We purchase credit protection to cover the funded portion as well as the unfunded portion of certain credit exposures. To lower the cost of obtaining our desired credit protection levels, we may add credit exposure within an industry, borrower or counterparty group by selling protection.

At September 30, 2021 and December 31, 2020, net notional credit default protection purchased in our credit derivatives portfolio to hedge our funded and unfunded exposures for which we elected the fair value option, as well as certain other credit exposures, was \$3.7 billion and \$4.2 billion. For these same positions, we recorded net losses of \$18 million and \$86 million for the three and nine months ended September 30, 2021 compared to net losses of \$104 million and \$106 million for the same periods in 2020. The gains and losses on these instruments were offset by gains and

losses on the related exposures. The Value-at-Risk (VaR) results for these exposures are included in the fair value option portfolio information in Table 40. For more information, see Trading Risk Management on page 44.

Tables 35 and 36 present the maturity profiles and the credit exposure debt ratings of the net credit default protection portfolio at September 30, 2021 and December 31, 2020.

Table 35 Net Credit Default Protection by Maturity

	September 30 2021		December 31 2020	
Less than or equal to one year	37	%	65	%
Greater than one year and less than or equal to five years	60		34	
Greater than five years	3		1	
Total net credit default protection	100	%	100	%

Table 36 Net Credit Default Protection by Credit Exposure Debt Rating

	Net Notional ⁽¹⁾	Percent of Total	Net Notional ⁽¹⁾	Percent of Total
	September 30, 2021		December 31, 2020	
(Dollars in millions)				
Ratings ^(2, 3)				
A	\$ (350)	9.4 %	\$ (250)	6.0 %
BBB	(1,423)	38.3	(1,856)	44.5
BB	(854)	23.0	(1,363)	32.7
B	(650)	17.5	(465)	11.2
CCC and below	(138)	3.7	(182)	4.4
NR ⁽⁴⁾	(303)	8.1	(54)	1.2
Total net credit default protection	\$ (3,718)	100.0 %	\$ (4,170)	100.0 %

⁽¹⁾ Represents net credit default protection purchased.

⁽²⁾ Ratings are refreshed on a quarterly basis.

⁽³⁾ Ratings of BBB- or higher are considered to meet the definition of investment grade.

⁽⁴⁾ NR is comprised of index positions held and any names that have not been rated.

For more information on credit derivatives and counterparty credit risk valuation adjustments, see *Note 3 – Derivatives* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Non-U.S. Portfolio

Our non-U.S. credit and trading portfolios are subject to country risk. We define country risk as the risk of loss from unfavorable economic and political conditions, currency fluctuations, social instability and changes in government policies. A risk management framework is in place to measure, monitor and manage non-U.S. risk and exposures. In addition to the direct risk of doing business in a country, we also are exposed to indirect country risks (e.g., related to the collateral received on secured financing transactions or related to client clearing activities). These indirect exposures are managed in the normal course of business through credit, market and operational risk governance rather than through country risk governance. For more information on our non-U.S. credit and trading portfolios, see Non-U.S. Portfolio in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Table 37 presents our 20 largest non-U.S. country exposures at September 30, 2021. These exposures accounted for 91 percent and 90 percent of our total non-U.S. exposure at September 30, 2021 and December 31, 2020. Net country exposure for these 20 countries increased \$26.1 billion during the nine months ended September 30, 2021. The majority of the increase was due to higher deposits with central banks in Japan and Ireland, and increased corporate exposure in Canada, Spain and Sweden.

Table 37 Top 20 Non-U.S. Countries Exposure

	Funded Loans and Loan Equivalents	Unfunded Loan Commitments	Net Counterparty Exposure	Securities/ Other Investments	Country Exposure at September 30 2021	Hedges and Credit Default Protection	Net Country Exposure at September 30 2021	Increase (Decrease) from December 31 2020
(Dollars in millions)								
United Kingdom	\$ 31,193	\$ 17,767	\$ 6,891	\$ 2,903	\$ 58,754	\$ (1,135)	\$ 57,619	\$ (1,853)
Germany	23,506	11,439	1,404	1,704	38,053	(1,775)	36,278	(8,625)
Canada	8,249	12,936	1,853	3,641	26,679	(363)	26,316	5,182
Japan	19,811	1,412	2,663	1,921	25,807	(704)	25,103	7,607
France	12,673	8,668	1,211	3,012	25,564	(871)	24,693	3,902
Australia	8,139	6,462	717	2,767	18,085	(176)	17,909	4,822
China	10,103	225	954	1,009	12,291	(372)	11,919	(1,501)
Brazil	6,188	1,005	446	4,123	11,762	(180)	11,582	1,289
Netherlands	6,006	3,412	861	1,007	11,286	(446)	10,840	1,156
Singapore	3,923	503	302	5,443	10,171	(54)	10,117	835
Switzerland	5,167	3,084	240	392	8,883	(258)	8,625	1,730
South Korea	5,536	861	678	1,414	8,489	(141)	8,348	(203)
Ireland	6,765	1,021	152	191	8,129	(45)	8,084	3,919
Spain	2,715	4,233	461	931	8,340	(393)	7,947	3,131
India	5,596	171	464	1,739	7,970	(190)	7,780	(31)
Hong Kong	5,656	225	450	1,143	7,474	(18)	7,456	919
Sweden	1,163	5,355	212	322	7,052	(142)	6,910	4,354
Mexico	4,247	1,374	119	778	6,518	(296)	6,222	(65)
Italy	2,564	1,688	515	1,492	6,259	(563)	5,696	4
Belgium	2,643	1,291	355	364	4,653	(202)	4,451	(516)
Total top 20 non-U.S. countries exposure	\$ 171,843	\$ 83,132	\$ 20,948	\$ 36,296	\$ 312,219	\$ (8,324)	\$ 303,895	\$ 26,056

In light of the global pandemic and considerations related to the ongoing economic recovery, including supply chain disruptions and inflationary pressures, we continue to manage our non-U.S. exposure closely in impacted regions while supporting the needs of our clients. While vaccines have become more widely available in certain countries, the

magnitude and duration of the pandemic and its full impact on the global economy continue to be highly uncertain. For more information on the pandemic, see Item 1A. Risk Factors – Coronavirus Disease and Executive Summary – Recent Developments – COVID-19 Pandemic of the Corporation's 2020 Annual Report on Form 10-K.

Allowance for Credit Losses

The allowance for credit losses decreased \$6.0 billion from December 31, 2020 to \$14.7 billion at September 30, 2021, which included a \$3.1 billion reserve decrease related to the commercial portfolio and a \$2.9 billion reserve decrease related to the consumer portfolio. The decreases were primarily driven

by improvements in the macroeconomic outlook and credit quality.

Table 38 presents an allocation of the allowance for credit losses by product type for September 30, 2021 and December 31, 2020.

Table 38 Allocation of the Allowance for Credit Losses by Product Type

			Percent of Loans and Leases Outstanding ⁽¹⁾			Percent of Loans and Leases Outstanding ⁽¹⁾
	Amount	Percent of Total		Amount	Percent of Total	
(Dollars in millions)	September 30, 2021			December 31, 2020		
Allowance for loan and lease losses						
Residential mortgage	\$ 353	2.68 %	0.16 %	\$ 459	2.44 %	0.21 %
Home equity	202	1.54	0.70	399	2.12	1.16
Credit card	6,055	46.04	7.88	8,420	44.79	10.70
Direct/Indirect consumer	541	4.11	0.54	752	4.00	0.82
Other consumer	43	0.33	n/m	41	0.22	n/m
Total consumer	7,194	54.70	1.70	10,071	53.57	2.35
U.S. commercial ⁽²⁾	3,235	24.59	1.02	5,043	26.82	1.55
Non-U.S. commercial	1,032	7.84	1.00	1,241	6.60	1.37
Commercial real estate	1,621	12.32	2.67	2,285	12.15	3.79
Commercial lease financing	73	0.55	0.48	162	0.86	0.95
Total commercial	5,961	45.30	1.20	8,731	46.43	1.77
Allowance for loan and lease losses	13,155	100.00 %	1.43	18,802	100.00 %	2.04
Reserve for unfunded lending commitments	1,538			1,878		
Allowance for credit losses	\$ 14,693			\$ 20,680		

⁽¹⁾ Ratios are calculated as allowance for loan and lease losses as a percentage of loans and leases outstanding excluding loans accounted for under the fair value option.

⁽²⁾ Includes allowance for loan and lease losses for U.S. small business commercial loans of \$1.4 billion and \$1.5 billion at September 30, 2021 and December 31, 2020.

n/m = not meaningful

Net charge-offs for the three and nine months ended September 30, 2021 were \$463 million and \$1.9 billion compared to \$972 million and \$3.2 billion for the same periods in 2020 driven by decreases across most products. The provision for credit losses decreased \$2.0 billion to a \$624 million benefit, and \$15.4 billion to a \$4.1 billion benefit, for the three and nine months ended September 30, 2021 compared to the same periods in 2020. The allowance for credit losses had a reserve release of \$6.0 billion for the nine months ended September 30, 2021, primarily driven by improvements in the macroeconomic outlook and credit quality. The provision for credit losses for the consumer portfolio, including unfunded lending commitments, decreased \$214 million to an expense of \$81 million and \$6.4 billion to a benefit of \$1.4 billion for the three and nine months ended September 30, 2021 compared

to the same periods in 2020. The provision for credit losses for the commercial portfolio, including unfunded lending commitments, decreased \$1.8 billion to a \$705 million benefit and \$9.0 billion to a \$2.7 billion benefit for the three and nine months ended September 30, 2021 compared to the same periods in 2020.

Table 39 presents a rollforward of the allowance for credit losses, including certain loan and allowance ratios for the three and nine months ended September 30, 2021 and 2020. For more information on the Corporation's credit loss accounting policies and activity related to the allowance for credit losses, see *Note 1 – Summary of Significant Accounting Principles* of the Corporation's 2020 Annual Report on Form 10-K and *Note 5 – Outstanding Loans and Leases and Allowance for Credit Losses* to the Consolidated Financial Statements.

Table 39 Allowance for Credit Losses

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Allowance for loan and lease losses, January 1	\$ 14,095	\$ 19,389	\$ 18,802	\$ 12,358
Loans and leases charged off				
Residential mortgage	(7)	(5)	(27)	(28)
Home equity	(8)	(8)	(33)	(47)
Credit card	(495)	(665)	(1,956)	(2,407)
Direct/Indirect consumer	(59)	(75)	(229)	(277)
Other consumer	(72)	(70)	(217)	(232)
Total consumer charge-offs	(641)	(823)	(2,462)	(2,991)
U.S. commercial ⁽¹⁾	(159)	(279)	(509)	(870)
Non-U.S. commercial	(2)	(57)	(44)	(91)
Commercial real estate	(4)	(106)	(38)	(170)
Commercial lease financing	—	(28)	—	(68)
Total commercial charge-offs	(165)	(470)	(591)	(1,199)
Total loans and leases charged off	(806)	(1,293)	(3,053)	(4,190)
Recoveries of loans and leases previously charged off				
Residential mortgage	14	11	44	55
Home equity	42	28	126	92
Credit card	174	156	513	463
Direct/Indirect consumer	77	57	225	193
Other consumer	5	7	19	18
Total consumer recoveries	312	259	927	821
U.S. commercial ⁽²⁾	25	58	231	119
Non-U.S. commercial	1	—	3	1
Commercial real estate	4	—	10	1
Commercial lease financing	1	4	1	8
Total commercial recoveries	31	62	245	129
Total recoveries of loans and leases previously charged off	343	321	1,172	950
Net charge-offs	(463)	(972)	(1,881)	(3,240)
Provision for loan and lease losses	(475)	1,180	(3,766)	10,480
Other	(2)	(1)	—	(2)
Allowance for loan and lease losses, September 30	13,155	19,596	13,155	19,596
Reserve for unfunded lending commitments, January 1	1,687	1,702	1,878	1,123
Provision for unfunded lending commitments	(149)	209	(339)	787
Other	—	(1)	(1)	—
Reserve for unfunded lending commitments, September 30	1,538	1,910	1,538	1,910
Allowance for credit losses, September 30	\$ 14,693	\$ 21,506	\$ 14,693	\$ 21,506
Loan and allowance ratios ⁽³⁾:				
Loans and leases outstanding at September 30	\$ 920,170	\$ 947,938	\$ 920,170	\$ 947,938
Allowance for loan and lease losses as a percentage of total loans and leases outstanding at September 30	1.43 %	2.07 %	1.43 %	2.07 %
Consumer allowance for loan and lease losses as a percentage of total consumer loans and leases outstanding at September 30	1.70	2.43	1.70	2.43
Commercial allowance for loan and lease losses as a percentage of total commercial loans and leases outstanding at September 30	1.20	1.75	1.20	1.75
Average loans and leases outstanding	\$ 913,113	\$ 965,836	\$ 905,214	\$ 989,839
Annualized net charge-offs as a percentage of average loans and leases outstanding	0.20 %	0.40 %	0.28 %	0.44 %
Allowance for loan and lease losses as a percentage of total nonperforming loans and leases at September 30	279	431	279	431
Ratio of the allowance for loan and lease losses at September 30 to net charge-offs	7.16	5.07	5.23	4.53
Amounts included in allowance for loan and lease losses for loans and leases that are excluded from nonperforming loans and leases at September 30 ⁽⁴⁾	\$ 7,375	\$ 10,331	\$ 7,375	\$ 10,331
Allowance for loan and lease losses as a percentage of total nonperforming loans and leases, excluding the allowance for loan and lease losses for loans and leases that are excluded from nonperforming loans and leases at September 30 ⁽⁴⁾	123 %	204 %	123 %	204 %

⁽¹⁾ Includes U.S. small business commercial charge-offs of \$137 million and \$343 million for the three and nine months ended September 30, 2021 compared to \$77 million and \$247 million for the same periods in 2020.

⁽²⁾ Includes U.S. small business commercial recoveries of \$18 million and \$51 million for the three and nine months ended September 30, 2021 compared to \$10 million and \$32 million for the same periods in 2020.

⁽³⁾ Ratios are calculated as allowance for loan and lease losses as a percentage of loans and leases outstanding excluding loans accounted for under the fair value option.

⁽⁴⁾ Primarily includes amounts related to credit card and unsecured consumer lending portfolios in *Consumer Banking*.

Market Risk Management

For more information on our market risk management process, see Market Risk Management in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Market risk is the risk that changes in market conditions may adversely impact the value of assets or liabilities, or

otherwise negatively impact earnings. This risk is inherent in the financial instruments associated with our operations, primarily within our *Global Markets* segment. We are also exposed to these risks in other areas of the Corporation (e.g., our ALM activities). In the event of market stress, these risks could have a material impact on our results.

We have been affected, and may continue to be affected, by market stress resulting from the pandemic that began in the first quarter of 2020. For more information, see Executive Summary – Recent Developments – COVID-19 Pandemic on page 3 and Item 1A. Risk Factors – Coronavirus Disease of the Corporation’s 2020 Annual Report on Form 10-K.

Trading Risk Management

To evaluate risks in our trading activities, we focus on the actual and potential volatility of revenues generated by individual positions as well as portfolios of positions. VaR is a common statistic used to measure market risk. Our primary VaR statistic is equivalent to a 99 percent confidence level, which means that for a VaR with a one-day holding period, there should not be losses in excess of VaR, on average, 99 out of 100 trading days.

Table 40 presents the total market-based portfolio VaR, which is the combination of the total covered positions (and less liquid trading positions) portfolio and the fair value option portfolio. For more information on the market risk VaR for trading activities, see Trading Risk Management in the MD&A of the Corporation’s 2020 Annual Report on Form 10-K.

The total market-based portfolio VaR results in Table 40 include market risk to which we are exposed from all business segments, excluding credit valuation adjustment (CVA), DVA and related hedges. The majority of this portfolio is within the *Global Markets* segment.

Table 40 presents period-end, average, high and low daily trading VaR for the three months ended September 30, 2021, June 30, 2021 and September 30, 2020 using a 99 percent confidence level, as well as average daily trading VaR for the nine months ended September 30, 2021 and 2020. The amounts disclosed in Table 40 and Table 41 align to the view of covered positions used in the Basel 3 capital calculations. Foreign exchange and commodity positions are always considered covered positions, regardless of trading or banking treatment for the trade, except for structural foreign currency positions that are excluded with prior regulatory approval.

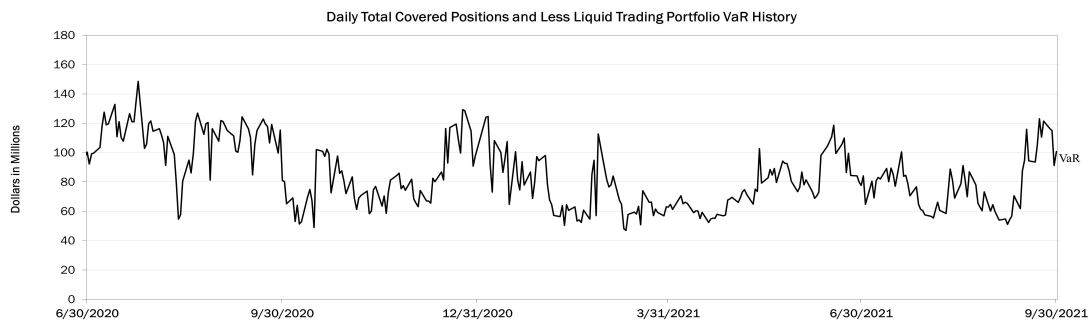
The average of total covered positions and less liquid trading positions portfolio VaR decreased for the three months ended September 30, 2021 compared to the prior-year period primarily due to an increase in diversification benefit between asset classes.

Table 40 Market Risk VaR for Trading Activities

(Dollars in millions)	Three Months Ended												Nine Months Ended	
	September 30, 2021				June 30, 2021				September 30, 2020				September 30	
	Period End	Average	High ⁽¹⁾	Low ⁽¹⁾	Period End	Average	High ⁽¹⁾	Low ⁽¹⁾	Period End	Average	High ⁽¹⁾	Low ⁽¹⁾	2021 Average	2020 Average
Foreign exchange	\$ 12	\$ 13	\$ 21	\$ 9	\$ 15	\$ 16	\$ 20	\$ 10	\$ 7	\$ 7	\$ 25	\$ 5	\$ 13	\$ 7
Interest rate	33	32	48	20	37	58	80	30	14	18	27	13	42	18
Credit	72	66	80	54	77	73	84	58	61	62	68	54	68	54
Equity	32	24	32	19	23	23	27	20	16	17	22	12	24	26
Commodities	6	8	11	5	9	8	12	4	4	6	10	4	8	6
Portfolio diversification	(94)	(91)	—	—	(106)	(119)	—	—	(71)	(56)	—	—	(101)	(58)
Total covered positions portfolio	61	52	71	41	55	59	73	47	31	54	96	31	54	53
Impact from less liquid exposures	40	26	—	—	23	18	—	—	50	55	—	—	22	26
Total covered positions and less liquid trading positions portfolio	101	78	123	51	78	77	119	52	81	109	149	55	76	79
Fair value option loans	50	45	54	31	50	50	55	42	71	62	72	54	50	48
Fair value option hedges	18	17	20	14	14	16	17	14	11	13	15	11	15	13
Fair value option portfolio diversification	(44)	(36)	—	—	(34)	(37)	—	—	(27)	(32)	—	—	(32)	(24)
Total fair value option portfolio	24	26	33	23	30	29	31	24	55	43	58	34	33	37
Portfolio diversification	(21)	(12)	—	—	(14)	(9)	—	—	(10)	(18)	—	—	(7)	(14)
Total market-based portfolio	\$ 104	\$ 92	141	60	\$ 94	\$ 97	146	64	\$ 126	\$ 134	160	99	\$ 102	\$ 102

⁽¹⁾ The high and low for each portfolio may have occurred on different trading days than the high and low for the components. Therefore the impact from less liquid exposures and the amount of portfolio diversification, which is the difference between the total portfolio and the sum of the individual components, is not relevant.

The graph below presents the daily covered positions and less liquid trading positions portfolio VaR for the previous five quarters, corresponding to the data in Table 40.



Additional VaR statistics produced within our single VaR model are provided in Table 41 at the same level of detail as in Table 40. Evaluating VaR with additional statistics allows for an increased understanding of the risks in the portfolio, as the historical market data used in the VaR calculation does not

necessarily follow a predefined statistical distribution. Table 41 presents average trading VaR statistics at 99 percent and 95 percent confidence levels for the three months ended September 30, 2021, June 30, 2021 and September 30, 2020.

Table 41 Average Market Risk VaR for Trading Activities – 99 percent and 95 percent VaR Statistics

(Dollars in millions)	Three Months Ended					
	September 30, 2021		June 30, 2021		September 30, 2020	
	99 percent	95 percent	99 percent	95 percent	99 percent	95 percent
Foreign exchange	\$ 13	\$ 9	\$ 16	\$ 9	\$ 7	\$ 4
Interest rate	32	16	58	28	18	8
Credit	66	20	73	21	62	18
Equity	24	11	23	12	17	9
Commodities	8	4	8	4	6	3
Portfolio diversification	(91)	(35)	(119)	(44)	(56)	(25)
Total covered positions portfolio	52	25	59	30	54	17
Impact from less liquid exposures	26	3	18	2	55	5
Total covered positions and less liquid trading positions portfolio	78	28	77	32	109	22
Fair value option loans	45	10	50	11	62	14
Fair value option hedges	17	9	16	9	13	6
Fair value option portfolio diversification	(36)	(9)	(37)	(10)	(32)	(7)
Total fair value option portfolio	26	10	29	10	43	13
Portfolio diversification	(12)	(6)	(9)	(6)	(18)	(7)
Total market-based portfolio	\$ 92	\$ 32	\$ 97	\$ 36	\$ 134	\$ 28

Backtesting

The accuracy of the VaR methodology is evaluated by backtesting, which compares the daily VaR results, utilizing a one-day holding period, against a comparable subset of trading revenue. For more information on our backtesting process, see Trading Risk Management – Backtesting in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

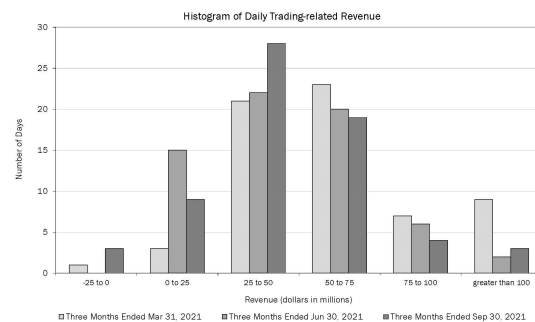
During the three and nine months ended September 30, 2021, there was one day where this subset of trading revenue had losses that exceeded our total covered portfolio VaR, utilizing a one-day holding period.

Total Trading-related Revenue

Total trading-related revenue, excluding brokerage fees, and CVA, DVA and funding valuation adjustment gains (losses), represents the total amount earned from trading positions, including market-based net interest income, which are taken in a diverse range of financial instruments and markets. For more information, see Trading Risk Management – Total Trading-related Revenue in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

The following histogram is a graphic depiction of trading volatility and illustrates the daily level of trading-related revenue for the three months ended September 30, 2021 compared to the three months ended June 30, 2021 and March 31, 2021. During the three months ended September 30, 2021, positive trading-related revenue was recorded for 95 percent of the trading days, of which 82 percent were daily trading gains of over \$25 million. This compares to the three months ended June 30, 2021 where positive trading-related revenue was recorded for 100 percent of the trading days, of which 77

percent were daily trading gains of over \$25 million. During the three months ended March 31, 2021, positive trading-related revenue was recorded for 98 percent of the trading days, of which 94 percent were daily trading gains over \$25 million.



Trading Portfolio Stress Testing

Because the very nature of a VaR model suggests results can exceed our estimates and it is dependent on a limited historical window, we also stress test our portfolio using scenario analysis. This analysis estimates the change in the value of our trading portfolio that may result from abnormal market movements. For more information, see Trading Risk Management – Trading Portfolio Stress Testing in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Interest Rate Risk Management for the Banking Book

The following discussion presents net interest income for banking book activities. For more information, see Interest Rate Risk Management for the Banking Book in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

Table 42 presents the spot and 12-month forward rates used in our baseline forecasts at September 30, 2021 and December 31, 2020.

Table 42 Forward Rates

	September 30, 2021		
	Federal Funds	Three-month LIBOR	10-Year Swap
Spot rates	0.25 %	0.13 %	1.51 %
12-month forward rates	0.25	0.30	1.67
December 31, 2020			
Spot rates	0.25 %	0.24 %	0.93 %
12-month forward rates	0.25	0.19	1.06

Table 43 shows the pretax impact to forecasted net interest income over the next 12 months from September 30, 2021 and December 31, 2020 resulting from instantaneous parallel and non-parallel shocks to the market-based forward curve. Periodically, we evaluate the scenarios presented so that they are meaningful in the context of the current rate environment. The interest rate scenarios also assume U.S. dollar rates are floored at zero.

During the nine months ended September 30, 2021, the decrease in asset sensitivity of our balance sheet to Up-rate and Down-rate scenarios was primarily due to ALM activity and an increase in long-end rates. We continue to be asset sensitive to a parallel upward move in interest rates with the majority of that impact coming from the short end of the yield curve. Additionally, higher interest rates impact the fair value of debt securities and, accordingly, for debt securities classified as AFS, may adversely affect accumulated OCI and thus capital levels under the Basel 3 capital rules. Under instantaneous upward parallel shifts, the near-term adverse impact to Basel 3 capital is reduced over time by offsetting positive impacts to net interest income. For more information on Basel 3, see Capital Management – Regulatory Capital on page 22.

Table 43 Estimated Banking Book Net Interest Income Sensitivity to Curve Changes

(Dollars in millions)	Short Rate (bps)	Long Rate (bps)	September 30 2021	December 31 2020
Parallel Shifts				
+100 bps instantaneous shift	+100	+100	\$ 7,163	\$ 10,468
-25 bps instantaneous shift	-25	-25	(2,031)	(2,766)
Flatteners				
Short-end instantaneous change	+100	—	4,931	6,321
Long-end instantaneous change	—	-25	(1,064)	(1,686)
Steeperers				
Short-end instantaneous change	-25	—	(942)	(1,084)
Long-end instantaneous change	—	+100	2,440	4,333

The sensitivity analysis in Table 43 assumes that we take no action in response to these rate shocks and does not assume any change in other macroeconomic variables normally correlated with changes in interest rates. As part of our ALM activities, we use securities, certain residential mortgages, and interest rate and foreign exchange derivatives in managing interest rate sensitivity.

The behavior of our deposits portfolio in the baseline forecast and in alternate interest rate scenarios is a key assumption in our projected estimates of net interest income. The sensitivity analysis in Table 43 assumes no change in deposit portfolio size or mix from the baseline forecast in alternate rate environments. In higher rate scenarios, any customer activity resulting in the replacement of low-cost or noninterest-bearing deposits with higher yielding deposits or market-based funding would reduce our benefit in those scenarios.

Interest Rate and Foreign Exchange Derivative Contracts

We use interest rate and foreign exchange derivative contracts in our ALM activities to manage our interest rate and foreign exchange risks. Specifically, we use those derivatives to manage both the variability in cash flows and changes in fair value of various assets and liabilities arising from those risks. Our interest rate derivative contracts are generally non-leveraged swaps tied to various benchmark interest rates and foreign exchange basis swaps, options, futures and forwards, and our foreign exchange contracts include cross-currency interest rate swaps, foreign currency futures contracts, foreign currency forward contracts and options.

The derivatives used in our ALM activities can be split into two broad categories: designated accounting hedges and other risk management derivatives. Designated accounting hedges are primarily used to manage our exposure to interest rates as described in the Interest Rate Risk Management for the Banking Book section and are included in the sensitivities presented in Table 43. The Corporation also uses foreign currency derivatives in accounting hedges to manage substantially all of the foreign exchange risk of our foreign operations. By hedging the foreign exchange risk of our foreign operations, the Corporation's market risk exposure in this area is insignificant.

Risk management derivatives are predominantly used to hedge foreign exchange risks related to various foreign currency-denominated assets and liabilities and eliminate substantially all foreign currency exposures in the cash flows of the Corporation's non-trading foreign currency-denominated financial instruments. These foreign exchange derivatives are sensitive to other market risk exposures such as cross-currency basis spreads and interest rate risk. However, as these features are not a significant component of these foreign exchange derivatives, the market risk related to this exposure is insignificant. For more information on the accounting for derivatives, see Note 3 – Derivatives to the Consolidated Financial Statements.

Mortgage Banking Risk Management

We originate, fund and service mortgage loans, which subject us to credit, liquidity and interest rate risks, among others. We determine whether loans will be held for investment or held for sale at the time of commitment and manage credit and liquidity risks by selling or securitizing a portion of the loans we originate.

Changes in interest rates impact the value of interest rate lock commitments (IRLCs) and the related residential first mortgage loans held-for-sale (LHFS), as well as the value of the MSRs. Because the interest rate risks of these hedged items offset, we combine them into one overall hedged item with one combined economic hedge portfolio consisting of derivative contracts and securities. For more information on IRLCs and the related residential mortgage LHFS, see Mortgage Banking Risk Management in the MD&A of the Corporation's 2020 Annual Report on Form 10-K.

During the three and nine months ended September 30, 2021, we recorded gains of \$13 million and \$35 million related to the change in fair value of the MSRs, IRLCs and LHFS, net of gains and losses on the hedge portfolio, compared to gains of \$85 million and \$313 million for the same periods in 2020. For more information on MSRs, see *Note 14 – Fair Value Measurements* to the Consolidated Financial Statements.

Climate Risk Management

Climate-related risks consist of two major categories: (1) risks related to the transition to a low-carbon economy, and (2) risks related to the physical impacts of climate change. The financial effects of transition risk can lead to and amplify credit risk. Physical risk can also lead to increased credit risk by diminishing borrowers' repayment capacity or collateral values. As climate risk is interconnected with all key risk types, we have developed and continue to enhance processes to embed climate risk considerations into our Risk Framework and risk management programs established for strategic, credit, market, liquidity, compliance, operational and reputational risks. For more information on our governance framework and climate risk process, see the Managing Risk and Climate Risk Management sections in the MD&A of the Corporation's 2020 Annual Report on Form 10-K. For additional information on climate risk, see Item 1A. Risk Factors of the Corporation's 2020 Annual Report on Form 10-K. For information on our climate-related metrics that align with Stakeholder Capitalism Metrics published by the International Business Council of the World Economic Forum, see our Annual Report 2020 on the Bank of America website (the content of which is not incorporated by reference into this Quarterly Report on Form 10-Q).

Our Environmental and Social Risk Policy (ESRP) Framework aligns with our Risk Framework and provides additional clarity and transparency regarding our approach to environmental and social risks, inclusive of climate risk. Effective management of climate risk requires coordinated governance, clearly defined roles and responsibilities, and well-developed processes to identify, measure, monitor and control that risk appropriately and in a timely manner, all of which remain key areas of focus, as we continue to build out and enhance our capabilities in this area.

As outlined in our ESRP Framework, we are focused on supporting and financing areas critical to the transition to a low-carbon society. Accordingly, we have a goal, publicly announced in early 2021, to achieve net-zero greenhouse gas emissions in our financing activities, operations and supply chain before 2050. More broadly, achieving this goal will require technological advances, clearly defined roadmaps for industry sectors, public policies, including those that improve cost of capital for net-zero transition and better emissions data reporting, as well as ongoing, strong and active engagement with clients, suppliers, investors, government officials and other stakeholders. In 2021, we also announced a goal to deploy and mobilize \$1 trillion by 2030 to accelerate the transition to a low-carbon, sustainable economy by providing lending, capital raising, advisory and investment services, and by developing other client driven financial solutions. This latter commitment anchors a broader \$1.5 trillion sustainable finance goal to support both environmental transition and social inclusive development, which spans business activities across the globe. These goals are intended to help drive business opportunities and enhance risk management related to the transition to a low-carbon economy. Given the extended period of these goals, our initiatives have not resulted in a significant effect on our results of operations or financial condition in the relevant periods presented herein, and are not expected to have a significant effect in the near term.

The foregoing discussion regarding our goals and commitments with respect to climate risk management, including environmental transition considerations, includes "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements are not guarantees of future results or performance and involve certain known and unknown risks, uncertainties and assumptions that are difficult to predict and are often beyond the Corporation's control. Actual outcomes and results may differ materially from those expressed in, or implied by, any of these forward-looking statements.

Complex Accounting Estimates

Our significant accounting principles are essential in understanding the MD&A. Many of our significant accounting principles require complex judgments to estimate the values of assets and liabilities. We have procedures and processes in place to facilitate making these judgments. For more information, see Complex Accounting Estimates in the MD&A of the Corporation's 2020 Annual Report on Form 10-K and *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Non-GAAP Reconciliations

Table 44 provides reconciliations of certain non-GAAP financial measures to the most closely related GAAP financial measures.

Table 44 Period-end and Average Supplemental Financial Data and Reconciliations to GAAP Financial Measures ⁽¹⁾

	Period-end		Average			
	September 30 2021	December 31 2020	Three Months Ended September 30 2021		Nine Months Ended September 30 2021	
(Dollars in millions)						
Shareholders' equity	\$ 272,464	\$ 272,924	\$ 275,484	\$ 267,323	\$ 274,726	\$ 266,062
Goodwill	(69,023)	(68,951)	(69,023)	(68,951)	(68,999)	(68,951)
Intangible assets (excluding MSRs)	(2,172)	(2,151)	(2,185)	(1,976)	(2,181)	(1,758)
Related deferred tax liabilities	913	920	915	855	916	791
Tangible shareholders' equity	\$ 202,182	\$ 202,742	\$ 205,191	\$ 197,251	\$ 204,462	\$ 196,144
Preferred stock	(23,441)	(24,510)	(23,441)	(23,427)	(23,837)	(23,437)
Tangible common shareholders' equity	\$ 178,741	\$ 178,232	\$ 181,750	\$ 173,824	\$ 180,625	\$ 172,707
Total assets	\$ 3,085,446	\$ 2,819,627				
Goodwill	(69,023)	(68,951)				
Intangible assets (excluding MSRs)	(2,172)	(2,151)				
Related deferred tax liabilities	913	920				
Tangible assets	\$ 3,015,164	\$ 2,749,445				

⁽¹⁾ For more information on non-GAAP financial measures and ratios we use in assessing the results of the Corporation, see Supplemental Financial Data on page 7.

Item 3. Quantitative and Qualitative Disclosures about Market Risk

See Market Risk Management on page 43 in the MD&A and the sections referenced therein for Quantitative and Qualitative Disclosures about Market Risk.

Item 4. Controls and Procedures

Disclosure Controls and Procedures

As of the end of the period covered by this report, the Corporation's management, including the Chief Executive Officer and Chief Financial Officer, conducted an evaluation of the effectiveness and design of the Corporation's disclosure controls and procedures (as that term is defined in Rule 13a-15(e) of the Exchange Act). Based upon that evaluation, the Corporation's Chief Executive Officer and Chief Financial Officer concluded that the Corporation's disclosure controls and procedures were effective, as of the end of the period covered by this report.

Changes in Internal Control Over Financial Reporting

There have been no changes in the Corporation's internal control over financial reporting (as defined in Rule 13a-15(f) of the Exchange Act) during the three months ended September 30, 2021, that have materially affected, or are reasonably likely to materially affect, the Corporation's internal control over financial reporting.

Part I. Financial Information
Item 1. Financial Statements
Bank of America Corporation and Subsidiaries

Consolidated Statement of Income

(In millions, except per share information)

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
Net interest income				
Interest income	\$ 12,336	\$ 11,486	\$ 35,118	\$ 40,124
Interest expense	1,242	1,357	3,594	7,017
Net interest income	11,094	10,129	31,524	33,107
Noninterest income				
Fees and commissions	9,915	8,777	29,156	25,490
Market making and similar activities	2,005	1,689	7,360	6,983
Other income	(248)	(259)	(987)	(151)
Total noninterest income	11,672	10,207	35,529	32,322
Total revenue, net of interest expense	22,766	20,336	67,053	65,429
Provision for credit losses	(624)	1,389	(4,105)	11,267
Noninterest expense				
Compensation and benefits	8,714	8,200	27,103	24,535
Occupancy and equipment	1,764	1,798	5,353	5,302
Information processing and communications	1,416	1,333	4,289	3,807
Product delivery and transaction related	987	930	2,940	2,518
Marketing	347	308	1,528	1,238
Professional fees	434	450	1,263	1,206
Other general operating	778	1,382	2,524	2,680
Total noninterest expense	14,440	14,401	45,000	41,286
Income before income taxes	8,950	4,546	26,158	12,876
Income tax expense	1,259	(335)	1,193	452
Net income	\$ 7,691	\$ 4,881	\$ 24,965	\$ 12,424
Preferred stock dividends	431	441	1,181	1,159
Net income applicable to common shareholders	\$ 7,260	\$ 4,440	\$ 23,784	\$ 11,265
Per common share information				
Earnings	\$ 0.86	\$ 0.51	\$ 2.77	\$ 1.29
Diluted earnings	0.85	0.51	2.75	1.28
Average common shares issued and outstanding	8,430.7	8,732.9	8,583.1	8,762.6
Average diluted common shares issued and outstanding	8,492.8	8,777.5	8,702.2	8,800.5

Consolidated Statement of Comprehensive Income

(Dollars in millions)

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
Net income	\$ 7,691	\$ 4,881	\$ 24,965	\$ 12,424
Other comprehensive income (loss), net-of-tax:				
Net change in debt securities	(153)	101	(1,243)	4,794
Net change in debit valuation adjustments	27	(58)	292	(5)
Net change in derivatives	(431)	76	(1,130)	808
Employee benefit plan adjustments	50	44	170	144
Net change in foreign currency translation adjustments	(26)	21	(29)	(86)
Other comprehensive income (loss)	(533)	184	(1,940)	5,655
Comprehensive income	\$ 7,158	\$ 5,065	\$ 23,025	\$ 18,079

See accompanying Notes to Consolidated Financial Statements.

Bank of America Corporation and Subsidiaries

Consolidated Balance Sheet

(Dollars in millions)	September 30 2021	December 31 2020
Assets		
Cash and due from banks	\$ 28,689	\$ 36,430
Interest-bearing deposits with the Federal Reserve, non-U.S. central banks and other banks	251,165	344,033
Cash and cash equivalents	279,854	380,463
Time deposits placed and other short-term investments	6,518	6,546
Federal funds sold and securities borrowed or purchased under agreements to resell (includes \$154,137 and \$108,856 measured at fair value)	261,934	304,058
Trading account assets (includes \$121,259 and \$91,510 pledged as collateral)	288,566	198,854
Derivative assets	40,829	47,179
Debt securities:		
Carried at fair value	285,377	246,601
Held-to-maturity, at cost (fair value – \$678,333 and \$448,180)	683,240	438,249
Total debt securities	968,617	684,850
Loans and leases (includes \$7,566 and \$6,681 measured at fair value)	927,736	927,861
Allowance for loan and lease losses	(13,155)	(18,802)
Loans and leases, net of allowance	914,581	909,059
Premises and equipment, net	10,684	11,000
Goodwill	69,023	68,951
Loans held-for-sale (includes \$3,982 and \$1,585 measured at fair value)	9,415	9,243
Customer and other receivables	74,998	64,221
Other assets (includes \$11,031 and \$15,718 measured at fair value)	160,427	135,203
Total assets	\$ 3,085,446	\$ 2,819,627
Liabilities		
Deposits in U.S. offices:		
Noninterest-bearing	\$ 753,107	\$ 650,674
Interest-bearing (includes \$542 and \$481 measured at fair value)	1,108,490	1,038,341
Deposits in non-U.S. offices:		
Noninterest-bearing	25,336	17,698
Interest-bearing	77,871	88,767
Total deposits	1,964,804	1,795,480
Federal funds purchased and securities loaned or sold under agreements to repurchase (includes \$155,151 and \$135,391 measured at fair value)	207,428	170,323
Trading account liabilities	112,217	71,320
Derivative liabilities	38,062	45,526
Short-term borrowings (includes \$4,128 and \$5,874 measured at fair value)	20,278	19,321
Accrued expenses and other liabilities (includes \$10,261 and \$16,311 measured at fair value and \$1,538 and \$1,878 of reserve for unfunded lending commitments)	191,572	181,799
Long-term debt (includes \$28,696 and \$32,200 measured at fair value)	278,621	262,934
Total liabilities	2,812,982	2,546,703
Commitments and contingencies (Note 6 – Securitizations and Other Variable Interest Entities and Note 10 – Commitments and Contingencies)		
Shareholders' equity		
Preferred stock, \$0.01 par value; authorized – 100,000,000 shares; issued and outstanding – 3,887,686 and 3,931,440 shares	23,441	24,510
Common stock and additional paid-in capital, \$0.01 par value; authorized – 12,800,000,000 shares; issued and outstanding – 8,241,243,911 and 8,650,814,105 shares	69,612	85,982
Retained earnings	183,007	164,088
Accumulated other comprehensive income (loss)	(3,596)	(1,656)
Total shareholders' equity	272,464	272,924
Total liabilities and shareholders' equity	\$ 3,085,446	\$ 2,819,627
Assets of consolidated variable interest entities included in total assets above (isolated to settle the liabilities of the variable interest entities)		
Trading account assets	\$ 4,432	\$ 5,225
Loans and leases	16,857	23,636
Allowance for loan and lease losses	(994)	(1,693)
Loans and leases, net of allowance	15,863	21,943
All other assets	136	1,387
Total assets of consolidated variable interest entities	\$ 20,431	\$ 28,555
Liabilities of consolidated variable interest entities included in total liabilities above		
Short-term borrowings (includes \$50 and \$22 of non-recourse short-term borrowings)	\$ 330	\$ 454
Long-term debt (includes \$3,830 and \$7,053 of non-recourse debt)	3,830	7,053
All other liabilities (includes \$10 and \$16 of non-recourse liabilities)	10	16
Total liabilities of consolidated variable interest entities	\$ 4,170	\$ 7,523

See accompanying Notes to Consolidated Financial Statements.

Bank of America Corporation and Subsidiaries

Consolidated Statement of Changes in Shareholders' Equity

(In millions)	Preferred Stock	Common Stock and Additional Paid-in Capital		Retained Earnings	Accumulated Other Comprehensive Income (Loss)	Total Shareholders' Equity
		Shares	Amount			
Balance, June 30, 2021	\$ 23,441	8,487.2	\$ 79,242	\$ 177,499	\$ (3,063)	\$ 277,119
Net income				7,691		7,691
Net change in debt securities					(153)	(153)
Net change in debit valuation adjustments					27	27
Net change in derivatives					(431)	(431)
Employee benefit plan adjustments					50	50
Net change in foreign currency translation adjustments					(26)	(26)
Dividends declared:						
Common				(1,749)		(1,749)
Preferred				(431)		(431)
Common stock issued under employee plans, net, and other		2.0	284	(3)		281
Common stock repurchased		(248.0)	(9,914)			(9,914)
Balance, September 30, 2021	\$ 23,441	8,241.2	\$ 69,612	\$ 183,007	\$ (3,596)	\$ 272,464
Balance, December 31, 2020	\$ 24,510	8,650.8	\$ 85,982	\$ 164,088	\$ (1,656)	\$ 272,924
Net income				24,965		24,965
Net change in debt securities					(1,243)	(1,243)
Net change in debit valuation adjustments					292	292
Net change in derivatives					(1,130)	(1,130)
Employee benefit plan adjustments					170	170
Net change in foreign currency translation adjustments					(29)	(29)
Dividends declared:						
Common				(4,859)		(4,859)
Preferred				(1,181)		(1,181)
Issuance of preferred stock	902					902
Redemption of preferred stock	(1,971)					(1,971)
Common stock issued under employee plans, net, and other		42.2	1,223	(6)		1,217
Common stock repurchased		(451.8)	(17,593)			(17,593)
Balance, September 30, 2021	\$ 23,441	8,241.2	\$ 69,612	\$ 183,007	\$ (3,596)	\$ 272,464
Balance, June 30, 2020	\$ 23,427	8,664.1	\$ 85,794	\$ 157,578	\$ (1,162)	\$ 265,637
Net income				4,881		4,881
Net change in debt securities					101	101
Net change in debit valuation adjustments					(58)	(58)
Net change in derivatives					76	76
Employee benefit plan adjustments					44	44
Net change in foreign currency translation adjustments					21	21
Dividends declared:						
Common				(1,571)		(1,571)
Preferred				(441)		(441)
Common stock issued under employee plans, net, and other		1.8	274			274
Common stock repurchased		(4.4)	(114)			(114)
Balance, September 30, 2020	\$ 23,427	8,661.5	\$ 85,954	\$ 160,447	\$ (978)	\$ 268,850
Balance, December 31, 2019	\$ 23,401	8,836.1	\$ 91,723	\$ 156,319	\$ (6,633)	\$ 264,810
Cumulative adjustment for adoption of credit loss accounting standard				(2,406)		(2,406)
Net income				12,424		12,424
Net change in debt securities					4,794	4,794
Net change in debit valuation adjustments					(5)	(5)
Net change in derivatives					808	808
Employee benefit plan adjustments					144	144
Net change in foreign currency translation adjustments					(86)	(86)
Dividends declared:						
Common				(4,722)		(4,722)
Preferred				(1,159)		(1,159)
Issuance of preferred stock	1,098					1,098
Redemption of preferred stock	(1,072)					(1,072)
Common stock issued under employee plans, net, and other		41.6	993	(9)		984
Common stock repurchased		(216.2)	(6,762)			(6,762)
Balance, September 30, 2020	\$ 23,427	8,661.5	\$ 85,954	\$ 160,447	\$ (978)	\$ 268,850

See accompanying Notes to Consolidated Financial Statements.

Bank of America Corporation and Subsidiaries

Consolidated Statement of Cash Flows

(Dollars in millions)	Nine Months Ended September 30	
	2021	2020
Operating activities		
Net income	\$ 24,965	\$ 12,424
Adjustments to reconcile net income to net cash provided by operating activities:		
Provision for credit losses	(4,105)	11,267
Gains on sales of debt securities	(4)	(379)
Depreciation and amortization	1,403	1,356
Net amortization of premium/discount on debt securities	4,534	2,636
Deferred income taxes	(1,151)	(1,994)
Stock-based compensation	2,031	1,597
Loans held-for-sale:		
Originations and purchases	(27,003)	(11,093)
Proceeds from sales and paydowns of loans originally classified as held for sale and instruments from related securitization activities	24,852	15,654
Net change in:		
Trading and derivative assets/liabilities	(55,310)	(25,503)
Other assets	(34,337)	(15,078)
Accrued expenses and other liabilities	8,713	(9,495)
Other operating activities, net	3,568	2,007
Net cash used in operating activities	(51,844)	(16,601)
Investing activities		
Net change in:		
Time deposits placed and other short-term investments	28	2,019
Federal funds sold and securities borrowed or purchased under agreements to resell	42,124	(52,148)
Debt securities carried at fair value:		
Proceeds from sales	3,732	61,485
Proceeds from paydowns and maturities	124,149	61,973
Purchases	(174,517)	(148,905)
Held-to-maturity debt securities:		
Proceeds from paydowns and maturities	94,437	63,097
Purchases	(340,425)	(126,710)
Loans and leases:		
Proceeds from sales of loans originally classified as held for investment and instruments from related securitization activities	7,767	10,041
Purchases	(3,363)	(3,972)
Other changes in loans and leases, net	(5,866)	11,810
Other investing activities, net	(2,450)	(2,473)
Net cash used in investing activities	(254,384)	(123,783)
Financing activities		
Net change in:		
Deposits	169,324	268,077
Federal funds purchased and securities loaned or sold under agreements to repurchase	37,105	25,660
Short-term borrowings	957	(6,353)
Long-term debt:		
Proceeds from issuance	65,459	40,858
Retirement	(38,787)	(37,123)
Preferred stock:		
Proceeds from issuance	902	1,098
Redemption	(1,971)	(1,072)
Common stock repurchased	(17,593)	(6,762)
Cash dividends paid	(6,090)	(5,899)
Other financing activities, net	(696)	(603)
Net cash provided by financing activities	208,610	277,881
Effect of exchange rate changes on cash and cash equivalents	(2,991)	1,949
Net increase (decrease) in cash and cash equivalents	(100,609)	139,446
Cash and cash equivalents at January 1	380,463	161,560
Cash and cash equivalents at September 30	\$ 279,854	\$ 301,006

See accompanying Notes to Consolidated Financial Statements.

Bank of America Corporation and Subsidiaries

Notes to Consolidated Financial Statements

NOTE 1 Summary of Significant Accounting Principles

Bank of America Corporation, a bank holding company and a financial holding company, provides a diverse range of financial services and products throughout the U.S. and in certain international markets. The term “the Corporation” as used herein may refer to Bank of America Corporation, individually, Bank of America Corporation and its subsidiaries, or certain of Bank of America Corporation’s subsidiaries or affiliates.

Principles of Consolidation and Basis of Presentation

The Consolidated Financial Statements include the accounts of the Corporation and its majority-owned subsidiaries and those variable interest entities (VIEs) where the Corporation is the primary beneficiary. Intercompany accounts and transactions have been eliminated. Results of operations of acquired companies are included from the dates of acquisition, and for VIEs, from the dates that the Corporation became the primary beneficiary. Assets held in an agency or fiduciary capacity are not included in the Consolidated Financial Statements. The Corporation accounts for investments in companies for which it owns a voting interest and for which it has the ability to exercise significant influence over operating and financing decisions using the equity method of accounting. These investments are included in other assets. Equity method investments are subject to impairment testing, and the Corporation’s proportionate share of income or loss is included in other income.

The preparation of the Consolidated Financial Statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect reported amounts and disclosures. Actual results could materially differ from those estimates and assumptions.

These unaudited Consolidated Financial Statements should be read in conjunction with the audited Consolidated Financial Statements, and related notes thereto, of the Corporation’s 2020 Annual Report on Form 10-K.

The nature of the Corporation’s business is such that the results of any interim period are not necessarily indicative of results for a full year. In the opinion of management, all adjustments, which consist of normal recurring adjustments necessary for a fair statement of the interim period results, have been made. The Corporation evaluates subsequent events through the date of filing with the Securities and Exchange Commission. Certain prior-period amounts have been reclassified to conform to current-period presentation.

U.K. Tax Law Changes

In June 2021, the U.K. enacted the 2021 Finance Act, which increases the U.K. corporation income tax rate to 25 percent from 19 percent, effective April 1, 2023. In addition, in July 2020, the U.K. enacted a reversal of the final two percent of scheduled decreases in the U.K. corporation income tax rate. As a result, during the nine months ended September 30, 2021 and 2020, the Corporation recorded a write-up of U.K. net deferred tax assets of approximately \$2.0 billion and \$700 million with corresponding positive income tax adjustments.

NOTE 2 Net Interest Income and Noninterest Income

The following table presents the Corporation’s net interest income and noninterest income disaggregated by revenue source for the three and nine months ended September 30, 2021 and 2020. For more information, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation’s 2020 Annual Report on Form 10-K. For a disaggregation of noninterest income by business segment and *All Other*, see *Note 17 – Business Segment Information*.

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Net interest income				
Interest income				
Loans and leases	\$ 7,502	\$ 7,894	\$ 21,859	\$ 26,426
Debt securities	3,282	2,130	8,832	7,413
Federal funds sold and securities borrowed or purchased under agreements to resell	6	55	(43)	900
Trading account assets	967	948	2,793	3,203
Other interest income	579	459	1,677	2,182
Total interest income	12,336	11,486	35,118	40,124
Interest expense				
Deposits	133	227	394	1,784
Short-term borrowings	(41)	(24)	(205)	1,024
Trading account liabilities	285	212	824	764
Long-term debt	865	942	2,581	3,445
Total interest expense	1,242	1,357	3,594	7,017
Net interest income	\$ 11,094	\$ 10,129	\$ 31,524	\$ 33,107
Noninterest income				
Fees and commissions				
Card income				
Interchange fees ⁽¹⁾	\$ 1,154	\$ 1,172	\$ 3,431	\$ 2,794
Other card income	429	396	1,173	1,295
Total card income	1,583	1,568	4,604	4,089
Service charges				
Deposit-related fees	1,619	1,515	4,671	4,441
Lending-related fees	309	302	923	841
Total service charges	1,928	1,817	5,594	5,282
Investment and brokerage services				
Asset management fees	3,276	2,740	9,434	7,905
Brokerage fees	960	883	2,988	2,898
Total investment and brokerage services	4,236	3,623	12,422	10,803
Investment banking fees				
Underwriting income	1,168	1,239	4,028	3,610
Syndication fees	346	133	1,047	634
Financial advisory services	654	397	1,461	1,072
Total investment banking fees	2,168	1,769	6,536	5,316
Total fees and commissions	9,915	8,777	29,156	25,490
Market making and similar activities	2,005	1,689	7,360	6,983
Other income (loss)	(248)	(259)	(987)	(151)
Total noninterest income	\$ 11,672	\$ 10,207	\$ 35,529	\$ 32,322

⁽¹⁾ Gross interchange fees and merchant income were \$0.0 billion and \$2.4 billion for the three months ended September 30, 2021 and 2020 and are presented net of \$0.8 billion and \$1.4 billion of expenses for rewards and partner payments as well as certain other card costs for the same periods. Gross interchange fees and merchant income were \$8.3 billion and \$6.7 billion for the nine months ended September 30, 2021 and 2020 and are presented net of \$0.9 billion and \$4.1 billion of expenses for rewards and partner payments as well as certain other card costs for the same periods.

NOTE 3 Derivatives

Derivative Balances

Derivatives are entered into on behalf of customers, for trading or to support risk management activities. Derivatives used in risk management activities include derivatives that may or may not be designated in qualifying hedge accounting relationships. Derivatives that are not designated in qualifying hedge accounting relationships are referred to as other risk management derivatives. For more information on the Corporation's derivatives and hedging activities, see *Note 1 – Summary of Significant Accounting Principles and Note 3 –*

Derivatives to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K. The following tables present derivative instruments included on the Consolidated Balance Sheet in derivative assets and liabilities at September 30, 2021 and December 31, 2020. Balances are presented on a gross basis, prior to the application of counterparty and cash collateral netting. Total derivative assets and liabilities are adjusted on an aggregate basis to take into consideration the effects of legally enforceable master netting agreements and have been reduced by cash collateral received or paid.

	September 30, 2021						
	Gross Derivative Assets				Gross Derivative Liabilities		
	Contract/ Notional ⁽¹⁾	Trading and Other Risk Management Derivatives	Qualifying Accounting Hedges	Total	Trading and Other Risk Management Derivatives	Qualifying Accounting Hedges	Total
(Dollars in billions)							
Interest rate contracts							
Swaps	\$ 19,675.2	\$ 141.9	\$ 9.4	\$ 151.3	\$ 148.6	\$ 2.4	\$ 151.0
Futures and forwards	4,142.2	2.8	—	2.8	2.7	—	2.7
Written options	1,746.8	—	—	—	29.5	—	29.5
Purchased options	1,637.3	33.4	—	33.4	—	—	—
Foreign exchange contracts							
Swaps	1,433.9	27.6	0.4	28.0	30.7	0.3	31.0
Spot, futures and forwards	4,628.5	37.1	0.5	37.6	35.1	0.1	35.2
Written options	338.1	—	—	—	3.9	—	3.9
Purchased options	310.6	3.9	—	3.9	—	—	—
Equity contracts							
Swaps	431.7	13.6	—	13.6	16.0	—	16.0
Futures and forwards	131.0	0.4	—	0.4	1.6	—	1.6
Written options	738.8	—	—	—	60.3	—	60.3
Purchased options	654.4	60.6	—	60.6	—	—	—
Commodity contracts							
Swaps	50.2	4.5	—	4.5	7.7	—	7.7
Futures and forwards	91.7	2.3	0.3	2.6	1.1	0.6	1.7
Written options	41.9	—	—	—	4.0	—	4.0
Purchased options	34.0	4.6	—	4.6	—	—	—
Credit derivatives ⁽²⁾							
Purchased credit derivatives:							
Credit default swaps	375.2	1.8	—	1.8	5.0	—	5.0
Total return swaps/options	52.6	0.3	—	0.3	1.4	—	1.4
Written credit derivatives:							
Credit default swaps	358.3	5.0	—	5.0	1.5	—	1.5
Total return swaps/options	59.3	1.3	—	1.3	0.5	—	0.5
Gross derivative assets/liabilities		\$ 341.1	\$ 10.6	\$ 351.7	\$ 349.6	\$ 3.4	\$ 353.0
Less: Legally enforceable master netting agreements				(279.7)			(279.7)
Less: Cash collateral received/paid				(31.2)			(35.2)
Total derivative assets/liabilities				\$ 40.8			\$ 38.1

⁽¹⁾ Represents the total contract/notional amount of derivative assets and liabilities outstanding.

⁽²⁾ The net derivative asset and notional amount of written credit derivatives for which the Corporation held purchased credit derivatives with identical underlying referenced names were \$2 billion and \$326.9 billion at September 30, 2021.

	December 31, 2020							
	Gross Derivative Assets				Gross Derivative Liabilities			
	Contract/ Notional ⁽¹⁾	Trading and Other Risk Management Derivatives	Qualifying Accounting Hedges	Total	Trading and Other Risk Management Derivatives	Qualifying Accounting Hedges	Total	
(Dollars in billions)								
Interest rate contracts								
Swaps	\$ 13,242.8	\$ 199.9	\$ 10.9	\$ 210.8	\$ 209.3	\$ 1.3	\$ 210.6	
Futures and forwards	3,222.2	3.5	0.1	3.6	3.6	—	3.6	
Written options	1,530.5	—	—	—	40.5	—	40.5	
Purchased options	1,545.8	45.3	—	45.3	—	—	—	
Foreign exchange contracts								
Swaps	1,475.8	37.1	0.3	37.4	39.7	0.6	40.3	
Spot, futures and forwards	3,710.7	53.4	—	53.4	54.5	0.5	55.0	
Written options	289.6	—	—	—	4.8	—	4.8	
Purchased options	279.3	5.0	—	5.0	—	—	—	
Equity contracts								
Swaps	320.2	13.3	—	13.3	14.5	—	14.5	
Futures and forwards	106.2	0.3	—	0.3	1.4	—	1.4	
Written options	599.1	—	—	—	48.8	—	48.8	
Purchased options	541.2	52.6	—	52.6	—	—	—	
Commodity contracts								
Swaps	36.4	1.9	—	1.9	4.4	—	4.4	
Futures and forwards	63.6	2.0	—	2.0	1.0	—	1.0	
Written options	24.6	—	—	—	1.4	—	1.4	
Purchased options	24.7	1.5	—	1.5	—	—	—	
Credit derivatives ⁽²⁾								
Purchased credit derivatives:								
Credit default swaps	322.7	2.3	—	2.3	4.4	—	4.4	
Total return swaps/options	63.6	0.2	—	0.2	1.0	—	1.0	
Written credit derivatives:								
Credit default swaps	301.5	4.4	—	4.4	1.9	—	1.9	
Total return swaps/options	68.6	0.6	—	0.6	0.4	—	0.4	
Gross derivative assets/liabilities		\$ 423.3	\$ 11.3	\$ 434.6	\$ 431.6	\$ 2.4	\$ 434.0	
Less: Legally enforceable master netting agreements				(344.9)			(344.9)	
Less: Cash collateral received/paid				(42.5)			(43.6)	
Total derivative assets/liabilities				\$ 47.2			\$ 45.5	

⁽¹⁾ Represents the total contract/notional amount of derivative assets and liabilities outstanding.

⁽²⁾ The net derivative asset and notional amount of written credit derivatives for which the Corporation held purchased credit derivatives with identical underlying referenced names were \$2 billion and \$269.8 billion at December 31, 2020.

Offsetting of Derivatives

The Corporation enters into International Swaps and Derivatives Association, Inc. (ISDA) master netting agreements or similar agreements with substantially all of the Corporation's derivative counterparties. For more information, see *Note 3 – Derivatives* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

The following table presents derivative instruments included in derivative assets and liabilities on the Consolidated Balance Sheet at September 30, 2021 and December 31, 2020 by primary risk (e.g., interest rate risk) and the platform, where

applicable, on which these derivatives are transacted. Balances are presented on a gross basis, prior to the application of counterparty and cash collateral netting. Total gross derivative assets and liabilities are adjusted on an aggregate basis to take into consideration the effects of legally enforceable master netting agreements, which include reducing the balance for counterparty netting and cash collateral received or paid.

For more information on offsetting of securities financing agreements, see *Note 9 – Federal Funds Sold or Purchased, Securities Financing Agreements, Short-term Borrowings and Restricted Cash*.

Offsetting of Derivatives ⁽¹⁾

	Derivative Assets	Derivative Liabilities	Derivative Assets	Derivative Liabilities
	September 30, 2021		December 31, 2020	
(Dollars in billions)				
Interest rate contracts				
Over-the-counter	\$ 177.6	\$ 171.7	\$ 247.7	\$ 243.5
Exchange-traded	0.1	—	—	—
Over-the-counter cleared	9.6	9.8	10.2	9.1
Foreign exchange contracts				
Over-the-counter	67.2	68.3	92.2	96.5
Over-the-counter cleared	0.8	0.8	1.4	1.3
Equity contracts				
Over-the-counter	30.7	32.5	31.3	28.3
Exchange-traded	42.9	42.1	32.3	31.0
Commodity contracts				
Over-the-counter	8.4	9.5	3.5	5.0
Exchange-traded	1.9	2.4	0.7	0.7
Over-the-counter cleared	0.1	0.1	—	—
Credit derivatives				
Over-the-counter	5.8	5.5	5.2	5.6
Over-the-counter cleared	2.4	2.5	2.2	1.9
Total gross derivative assets/liabilities, before netting				
Over-the-counter	289.7	287.5	379.9	378.9
Exchange-traded	44.9	44.5	33.0	31.7
Over-the-counter cleared	12.9	13.2	13.8	12.3
Less: Legally enforceable master netting agreements and cash collateral received/paid				
Over-the-counter	(255.5)	(259.4)	(345.7)	(347.2)
Exchange-traded	(42.9)	(42.9)	(29.5)	(29.5)
Over-the-counter cleared	(12.5)	(12.6)	(12.2)	(11.8)
Derivative assets/liabilities, after netting	36.6	30.3	39.3	34.4
Other gross derivative assets/liabilities ⁽²⁾	4.2	7.8	7.9	11.1
Total derivative assets/liabilities	40.8	38.1	47.2	45.5
Less: Financial instruments collateral ⁽³⁾	(13.1)	(11.4)	(16.1)	(16.6)
Total net derivative assets/liabilities	\$ 27.7	\$ 26.7	\$ 31.1	\$ 28.9

⁽¹⁾ Over-the-counter derivatives include bilateral transactions between the Corporation and a particular counterparty. Over-the-counter cleared derivatives include bilateral transactions between the Corporation and a counterparty where the transaction is cleared through a clearinghouse. Exchange-traded derivatives include listed options transacted on an exchange.

⁽²⁾ Consists of derivatives entered into under master netting agreements where the enforceability of these agreements is uncertain under bankruptcy laws in some countries or industries.

⁽³⁾ Amounts are limited to the derivative asset/liability balance and, accordingly, do not include excess collateral received/pledged. Financial instruments collateral includes securities collateral received or pledged and cash securities held and posted at third-party custodians that are not offset on the Consolidated Balance Sheet but shown as a reduction to derive net derivative assets and liabilities.

Derivatives Designated as Accounting Hedges

The Corporation uses various types of interest rate and foreign exchange derivative contracts to protect against changes in the fair value of its assets and liabilities due to fluctuations in interest rates and exchange rates (fair value hedges). The Corporation also uses these types of contracts to protect against changes in the cash flows of its assets and liabilities, and other forecasted transactions (cash flow hedges). The Corporation hedges its net investment in consolidated non-U.S.

operations determined to have functional currencies other than the U.S. dollar using forward exchange contracts and cross-currency basis swaps, and by issuing foreign currency-denominated debt (net investment hedges).

Fair Value Hedges

The table below summarizes information related to fair value hedges for the three and nine months ended September 30, 2021 and 2020.

Gains and Losses on Derivatives Designated as Fair Value Hedges

	Three Months Ended September 30, 2021		Three Months Ended September 30, 2020	
	Derivative	Hedged Item	Derivative	Hedged Item
(Dollars in millions)				
Interest rate risk on long-term debt ⁽¹⁾	\$ (1,658)	\$ 1,660	\$ (1,523)	\$ 1,473
Interest rate and foreign currency risk on long-term debt ⁽²⁾	(49)	46	79	(87)
Interest rate risk on available-for-sale securities ⁽³⁾	867	(859)	139	(139)
Total	\$ (840)	\$ 847	\$ (1,305)	\$ 1,247
	Nine Months Ended September 30, 2021		Nine Months Ended September 30, 2020	
	Derivative	Hedged Item	Derivative	Hedged Item
Interest rate risk on long-term debt ⁽¹⁾	\$ (6,237)	\$ 6,208	\$ 9,286	\$ (9,403)
Interest rate and foreign currency risk on long-term debt ⁽²⁾	(72)	67	644	(638)
Interest rate risk on available-for-sale securities ⁽³⁾	4,245	(4,184)	(572)	559
Total	\$ (2,064)	\$ 2,091	\$ 9,358	\$ (9,482)

⁽¹⁾ Amounts are recorded in interest expense in the Consolidated Statement of Income.

⁽²⁾ For the three and nine months ended September 30, 2021, the derivative amount includes gains (losses) of \$(1) million and \$(62) million in interest expense, \$(33) million and \$(2) million in market making and similar activities, and \$(6) million and \$(8) million in accumulated other comprehensive income (OCI). For the same periods in 2020, the derivative amount includes gains (losses) of \$(13) million and \$718 million in interest expense, \$5 million and \$(83) million in market making and similar activities, and \$(9) million and \$9 million in accumulated OCI. Line item totals are in the Consolidated Statement of Income and on the Consolidated Balance Sheet.

⁽³⁾ Amounts are recorded in interest income in the Consolidated Statement of Income.

The table below summarizes the carrying value of hedged assets and liabilities that are designated and qualifying in fair value hedging relationships along with the cumulative amount of fair value hedging adjustments included in the carrying value that have been recorded in the current hedging relationships. These fair value hedging adjustments are open basis adjustments that are not subject to amortization as long as the hedging relationship remains designated.

Designated Fair Value Hedged Assets and Liabilities

	September 30, 2021		December 31, 2020	
	Carrying Value	Cumulative Fair Value Adjustments ⁽¹⁾	Carrying Value	Cumulative Fair Value Adjustments ⁽¹⁾
(Dollars in millions)				
Long-term debt ⁽²⁾	\$ 177,111	\$ 4,933	\$ 150,556	\$ 8,910
Available-for-sale debt securities ^(2, 3, 4)	178,130	(2,120)	116,252	114
Trading account assets ⁽⁵⁾	590	—	427	15

⁽¹⁾ Increase (decrease) to carrying value.

⁽²⁾ At September 30, 2021 and December 31, 2020, the cumulative fair value adjustments remaining on long-term debt and available-for-sale debt securities from discontinued hedging relationships resulted in an increase in the related liability of \$2 billion and \$3.7 billion and a decrease in the related asset of \$40 million and \$89 million, which are being amortized over the remaining contractual life of the de-designated hedged items.

⁽³⁾ These amounts include the amortized cost of the prepayable financial assets used to designate hedging relationships in which the hedged item is the last layer expected to be remaining at the end of the hedging relationship (i.e. last-of-layer hedging relationship). At September 30, 2021 and December 31, 2020, the amortized cost of the closed portfolios used in these hedging relationships was \$23.7 billion and \$34.6 billion, of which \$6.9 billion and \$7.0 billion was designated in the last-of-layer hedging relationship. At September 30, 2021, the cumulative adjustment associated with these hedging relationships was a decrease of \$103 million. At December 31, 2020, the cumulative adjustment was insignificant.

⁽⁴⁾ Carrying value represents amortized cost.

⁽⁵⁾ Represents hedging activities related to certain commodities inventory.

Cash Flow and Net Investment Hedges

The table below summarizes certain information related to cash flow hedges and net investment hedges for the three and nine months ended September 30, 2021 and 2020. Of the \$704 million after-tax net loss (\$938 million pretax) on derivatives in accumulated OCI at September 30, 2021, gains of \$858 million after-tax (\$1.1 billion pretax) related to both open and terminated cash flow hedges are expected to be reclassified

into earnings in the next 12 months. These net gains reclassified into earnings are expected to primarily increase net interest income related to the respective hedged items. For terminated cash flow hedges, the time period over which the majority of the forecasted transactions are hedged is approximately 3 years, with a maximum length of time for certain forecasted transactions of 15 years.

Gains and Losses on Derivatives Designated as Cash Flow and Net Investment Hedges

	Gains (Losses) Recognized in Accumulated OCI on Derivatives		Gains (Losses) in Income Reclassified from Accumulated OCI		Gains (Losses) Recognized in Accumulated OCI on Derivatives		Gains (Losses) in Income Reclassified from Accumulated OCI	
(Dollars in millions, amounts pretax)	Three Months Ended September 30, 2021				Nine Months Ended September 30, 2021			
Cash flow hedges								
Interest rate risk on variable-rate assets ⁽¹⁾	\$	(539)	\$	38	\$	(1,115)	\$	111
Price risk on forecasted MBS purchases ⁽¹⁾		29		5		(272)		20
Price risk on certain compensation plans ⁽²⁾		(2)		14		57		40
Total	\$	(512)	\$	57	\$	(1,330)	\$	171
Net investment hedges								
Foreign exchange risk ⁽³⁾	\$	642	\$	—	\$	1,145	\$	—
	Three Months Ended September 30, 2020				Nine Months Ended September 30, 2020			
Cash flow hedges								
Interest rate risk on variable-rate assets ⁽¹⁾	\$	(101)	\$	5	\$	810	\$	(44)
Price risk on forecasted MBS purchases ⁽¹⁾		184		3		184		3
Price risk on certain compensation plans ⁽²⁾		32		5		23		5
Total	\$	115	\$	13	\$	1,017	\$	(36)
Net investment hedges								
Foreign exchange risk ⁽³⁾	\$	(703)	\$	—	\$	265	\$	1

⁽¹⁾ Amounts reclassified from accumulated OCI are recorded in interest income in the Consolidated Statement of Income.

⁽²⁾ Amounts reclassified from accumulated OCI are recorded in compensation and benefits expense in the Consolidated Statement of Income.

⁽³⁾ Amounts reclassified from accumulated OCI are recorded in other income in the Consolidated Statement of Income. For the three and nine months ended September 30, 2021, amounts excluded from effectiveness testing and recognized in market making and similar activities were losses of \$36 million and \$86 million. For the same periods in 2020 amounts excluded from effectiveness testing and recognized in other income were gains of \$0 million and \$115 million.

Other Risk Management Derivatives

Other risk management derivatives are used by the Corporation to reduce certain risk exposures by economically hedging various assets and liabilities. The table below presents gains (losses) on these derivatives for the three and nine months ended September 30, 2021 and 2020. These gains (losses) are largely offset by the income or expense recorded on the hedged item.

Gains and Losses on Other Risk Management Derivatives

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Interest rate risk on mortgage activities ^(1, 2)	\$ 10	\$ 73	\$ (49)	\$ 601
Credit risk on loans ⁽²⁾	(9)	(28)	(40)	(6)
Interest rate and foreign currency risk on asset and liability management activities ⁽³⁾	552	(2,571)	1,495	(2,060)
Price risk on certain compensation plans ⁽⁴⁾	(23)	263	575	109

⁽¹⁾ Includes hedges of interest rate risk on mortgage servicing rights (MSRs) and interest rate lock commitments (IRLCs) to originate mortgage loans that will be held for sale.

⁽²⁾ Gains (losses) on these derivatives are recorded in other income.

⁽³⁾ Gains (losses) on these derivatives are recorded in market making and similar activities.

⁽⁴⁾ Gains (losses) on these derivatives are recorded in compensation and benefits expense.

Transfers of Financial Assets with Risk Retained through Derivatives

The Corporation enters into certain transactions involving the transfer of financial assets that are accounted for as sales where substantially all of the economic exposure to the transferred financial assets is retained through derivatives (e.g., interest rate and/or credit), but the Corporation does not retain control over the assets transferred. At September 30, 2021 and December 31, 2020, the Corporation had transferred \$4.9 billion and \$5.2 billion of non-U.S. government-guaranteed mortgage-backed securities (MBS) to a third-party trust and retained economic exposure to the transferred assets through derivative contracts. In connection with these transfers, the Corporation received gross cash proceeds of \$4.9 billion and \$5.2 billion at the transfer dates. At September 30, 2021 and December 31, 2020, the fair value of the transferred securities was \$5.1 billion and \$5.5 billion.

account assets and liabilities. It is the Corporation's policy to include these derivative instruments in its trading activities, which include derivatives and non-derivative cash instruments. The resulting risk from these derivatives is managed on a portfolio basis as part of the Corporation's *Global Markets* business segment. For more information on sales and trading revenue, see *Note 3 – Derivatives* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

The table below, which includes both derivatives and non-derivative cash instruments, identifies the amounts in the respective income statement line items attributable to the Corporation's sales and trading revenue in *Global Markets*, categorized by primary risk, for the three and nine months ended September 30, 2021 and 2020. This table includes debit valuation adjustment (DVA) and funding valuation adjustment (FVA) gains (losses). *Global Markets* results in *Note 17 – Business Segment Information* are presented on a fully taxable-equivalent (FTE) basis. The table below is not presented on an FTE basis.

Sales and Trading Revenue

The Corporation enters into trading derivatives to facilitate client transactions and to manage risk exposures arising from trading

Sales and Trading Revenue

	Three Months Ended September 30, 2021				Nine Months Ended September 30, 2021			
	Market making and similar activities	Net Interest Income	Other ⁽¹⁾	Total	Market making and similar activities	Net Interest Income	Other ⁽¹⁾	Total
(Dollars in millions)								
Interest rate risk	\$ 180	\$ 442	\$ 43	\$ 665	\$ 590	\$ 1,350	\$ 141	\$ 2,081
Foreign exchange risk	345	(22)	2	325	1,082	(62)	7	1,027
Equity risk	1,196	(28)	433	1,601	3,657	7	1,389	5,053
Credit risk	248	458	158	864	1,491	1,263	446	3,200
Other risk ⁽²⁾	45	(30)	45	60	627	(58)	91	660
Total sales and trading revenue	\$ 2,014	\$ 820	\$ 681	\$ 3,515	\$ 7,447	\$ 2,500	\$ 2,074	\$ 12,021
	Three Months Ended September 30, 2020				Nine Months Ended September 30, 2020			
	Market making and similar activities	Net Interest Income	Other ⁽¹⁾	Total	Market making and similar activities	Net Interest Income	Other ⁽¹⁾	Total
(Dollars in millions)								
Interest rate risk	\$ 85	\$ 545	\$ 57	\$ 687	\$ 2,249	\$ 1,754	\$ 175	\$ 4,178
Foreign exchange risk	338	(10)	4	332	1,153	(8)	(2)	1,143
Equity risk	816	(7)	391	1,200	2,805	(99)	1,361	4,067
Credit risk	413	401	73	887	570	1,336	253	2,159
Other risk ⁽²⁾	73	(7)	14	80	280	21	24	325
Total sales and trading revenue	\$ 1,725	\$ 922	\$ 539	\$ 3,186	\$ 7,057	\$ 3,004	\$ 1,811	\$ 11,872

⁽¹⁾ Represents amounts in investment and brokerage services and other income that are recorded in *Global Markets* and included in the definition of sales and trading revenue. Includes investment and brokerage services revenue of \$60 million and \$1.5 billion for the three and nine months ended September 30, 2021 compared to \$430 million and \$1.5 billion for the same periods in 2020.

⁽²⁾ Includes commodity risk.

Credit Derivatives

The Corporation enters into credit derivatives primarily to facilitate client transactions and to manage credit risk exposures. Credit derivatives are classified as investment and non-investment grade based on the credit quality of the underlying referenced obligation. The Corporation considers ratings of BBB- or higher as investment grade. Non-investment grade includes non-rated credit derivative instruments. The Corporation discloses internal categorizations of investment

grade and non-investment grade consistent with how risk is managed for these instruments. For more information on credit derivatives, see *Note 3 – Derivatives* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Credit derivative instruments where the Corporation is the seller of credit protection and their expiration at September 30, 2021 and December 31, 2020 are summarized in the table below.

Credit Derivative Instruments

	Less than One Year	One to Three Years	Three to Five Years	Over Five Years	Total
September 30, 2021					
Carrying Value					
(Dollars in millions)					
Credit default swaps:					
Investment grade	\$ —	\$ 1	\$ 40	\$ 73	\$ 114
Non-investment grade	8	119	426	859	1,412
Total	8	120	466	932	1,526
Total return swaps/options:					
Investment grade	18	—	—	—	18
Non-investment grade	88	353	5	—	446
Total	106	353	5	—	464
Total credit derivatives	\$ 114	\$ 473	\$ 471	\$ 932	\$ 1,990
Credit-related notes:					
Investment grade	\$ —	\$ —	\$ 42	\$ 274	\$ 316
Non-investment grade	5	—	14	1,328	1,347
Total credit-related notes	\$ 5	\$ —	\$ 56	\$ 1,602	\$ 1,663
Maximum Payout/Notional					
Credit default swaps:					
Investment grade	\$ 33,007	\$ 74,896	\$ 110,525	\$ 37,271	\$ 255,699
Non-investment grade	11,254	30,197	45,994	15,197	102,642
Total	44,261	105,093	156,519	52,468	358,341
Total return swaps/options:					
Investment grade	26,711	64	78	—	26,853
Non-investment grade	18,900	13,015	536	16	32,467
Total	45,611	13,079	614	16	59,320
Total credit derivatives	\$ 89,872	\$ 118,172	\$ 157,133	\$ 52,484	\$ 417,661
December 31, 2020					
Carrying Value					
Credit default swaps:					
Investment grade	\$ —	\$ 1	\$ 35	\$ 94	\$ 130
Non-investment grade	26	233	364	1,163	1,786
Total	26	234	399	1,257	1,916
Total return swaps/options:					
Investment grade	21	4	—	—	25
Non-investment grade	345	—	—	—	345
Total	366	4	—	—	370
Total credit derivatives	\$ 392	\$ 238	\$ 399	\$ 1,257	\$ 2,286
Credit-related notes:					
Investment grade	\$ —	\$ —	\$ —	\$ 572	\$ 572
Non-investment grade	64	2	10	947	1,023
Total credit-related notes	\$ 64	\$ 2	\$ 10	\$ 1,519	\$ 1,595
Maximum Payout/Notional					
Credit default swaps:					
Investment grade	\$ 33,474	\$ 75,731	\$ 87,218	\$ 16,822	\$ 213,245
Non-investment grade	13,664	28,770	35,978	9,852	88,264
Total	47,138	104,501	123,196	26,674	301,509
Total return swaps/options:					
Investment grade	30,961	1,061	77	—	32,099
Non-investment grade	36,128	364	27	5	36,524
Total	67,089	1,425	104	5	68,623
Total credit derivatives	\$ 114,227	\$ 105,926	\$ 123,300	\$ 26,679	\$ 370,132

The notional amount represents the maximum amount payable by the Corporation for most credit derivatives. However, the Corporation does not monitor its exposure to credit derivatives based solely on the notional amount because this measure does not take into consideration the probability of occurrence. As such, the notional amount is not a reliable indicator of the Corporation's exposure to these contracts. Instead, a risk framework is used to define risk tolerances and establish limits so that certain credit risk-related losses occur within acceptable, predefined limits.

Credit-related notes in the table above include investments in securities issued by collateralized debt obligation (CDO), collateralized loan obligation (CLO) and credit-linked note vehicles. These instruments are primarily classified as trading securities. The carrying value of these instruments equals the Corporation's maximum exposure to loss. The Corporation is not obligated to make any payments to the entities under the terms of the securities owned.

Credit-related Contingent Features and Collateral

Certain of the Corporation's derivative contracts contain credit risk-related contingent features, primarily in the form of ISDA master netting agreements and credit support documentation that enhance the creditworthiness of these instruments compared to other obligations of the respective counterparty with whom the Corporation has transacted. These contingent features may be for the benefit of the Corporation as well as its counterparties with respect to changes in the Corporation's creditworthiness and the mark-to-market exposure under the derivative transactions. At September 30, 2021 and December 31, 2020, the Corporation held cash and securities collateral of \$87.2 billion and \$96.5 billion and posted cash and securities collateral of \$73.7 billion and \$88.6 billion in the normal course of business under derivative agreements, excluding cross-product margining agreements where clients are permitted to margin on a net basis for both derivative and secured financing arrangements.

In connection with certain over-the-counter derivative contracts and other trading agreements, the Corporation can be required to provide additional collateral or to terminate transactions with certain counterparties in the event of a downgrade of the senior debt ratings of the Corporation or certain subsidiaries. The amount of additional collateral required depends on the contract and is usually a fixed incremental amount and/or the market value of the exposure. For more information on credit-related contingent features and collateral, see *Note 3 – Derivatives* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

At September 30, 2021, the amount of collateral, calculated based on the terms of the contracts, that the Corporation and certain subsidiaries could be required to post to counterparties but had not yet posted to counterparties was \$2.4 billion, including \$1.1 billion for Bank of America, National Association.

Some counterparties are currently able to unilaterally terminate certain contracts, or the Corporation or certain

subsidiaries may be required to take other action such as find a suitable replacement or obtain a guarantee. At September 30, 2021 and December 31, 2020, the liability recorded for these derivative contracts was not significant.

The table below presents the amount of additional collateral that would have been contractually required by derivative contracts and other trading agreements at September 30, 2021 if the rating agencies had downgraded their long-term senior debt ratings for the Corporation or certain subsidiaries by one incremental notch and by an additional second incremental notch. The table also presents derivative liabilities that would be subject to unilateral termination by counterparties upon downgrade of the Corporation's or certain subsidiaries' long-term senior debt ratings.

Additional Collateral Required to be Posted and Derivative Liabilities Subject to Unilateral Termination Upon Downgrade at September 30, 2021

(Dollars in millions)	One incremental notch		Second incremental notch	
Additional collateral required to be posted upon downgrade				
Bank of America Corporation	\$	342	\$	802
Bank of America, N.A. and subsidiaries ⁽¹⁾		69		610
Derivative liabilities subject to unilateral termination upon downgrade				
Derivative liabilities	\$	22	\$	764
Collateral posted		9		559

⁽¹⁾ Included in Bank of America Corporation collateral requirements in this table.

Valuation Adjustments on Derivatives

The table below presents credit valuation adjustment (CVA), DVA and FVA gains (losses) on derivatives (excluding the effect of any related hedge activities), which are recorded in market making and similar activities, for the three and nine months ended September 30, 2021 and 2020. For more information on the valuation adjustments on derivatives, see *Note 3 – Derivatives* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Valuation Adjustments Gains (Losses) on Derivatives ⁽¹⁾

(Dollars in millions)	Three Months Ended September 30			
	2021		2020	
Derivative assets (CVA)	\$	54	\$	174
Derivative assets/liabilities (FVA)		19		27
Derivative liabilities (DVA)		(5)		(105)
Nine Months Ended September 30				
(Dollars in millions)	2021		2020	
	\$	212	\$	(334)
Derivative assets/liabilities (FVA)		34		(60)
Derivative liabilities (DVA)		(13)		53

⁽¹⁾ At September 30, 2021 and December 31, 2020, cumulative CVA reduced the derivative assets balance by \$34 million and \$646 million, cumulative FVA reduced the net derivatives balance by \$143 million and \$177 million, and cumulative DVA reduced the derivative liabilities balance by \$296 million and \$309 million.

NOTE 4 Securities

The table below presents the amortized cost, gross unrealized gains and losses, and fair value of available-for-sale (AFS) debt securities, other debt securities carried at fair value and held-to-maturity (HTM) debt securities at September 30, 2021 and December 31, 2020.

Debt Securities

	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
(Dollars in millions)	September 30, 2021				December 31, 2020			
Available-for-sale debt securities								
Mortgage-backed securities:								
Agency	\$ 50,756	\$ 1,631	\$ (90)	\$ 52,297	\$ 59,518	\$ 2,370	\$ (39)	\$ 61,849
Agency-collateralized mortgage obligations	3,684	103	(11)	3,776	5,112	161	(13)	5,260
Commercial	18,091	778	(50)	18,819	15,470	1,025	(4)	16,491
Non-agency residential ⁽¹⁾	799	39	(35)	803	899	127	(17)	1,009
Total mortgage-backed securities	73,330	2,551	(186)	75,695	80,999	3,683	(73)	84,609
U.S. Treasury and government agencies	167,419	1,869	(163)	169,125	114,157	2,236	(13)	116,380
Non-U.S. securities	12,289	4	—	12,293	14,009	15	(7)	14,017
Other taxable securities	2,589	45	(1)	2,633	2,656	61	(6)	2,711
Tax-exempt securities	15,312	321	(21)	15,612	16,417	389	(32)	16,774
Total available-for-sale debt securities	270,939	4,790	(371)	275,358	228,238	6,384	(131)	234,491
Other debt securities carried at fair value ⁽²⁾	10,076	101	(158)	10,019	11,720	429	(39)	12,110
Total debt securities carried at fair value	281,015	4,891	(529)	285,377	239,958	6,813	(170)	246,601
Held-to-maturity debt securities								
Agency mortgage-backed securities	562,124	5,497	(8,031)	559,590	414,289	9,768	(36)	424,021
U.S. Treasury and government agencies	111,855	167	(2,614)	109,408	16,084	—	(71)	16,013
Other taxable securities	9,295	197	(157)	9,335	7,906	327	(87)	8,146
Total held-to-maturity debt securities	683,274	5,861	(10,802)	678,333	438,279	10,095	(194)	448,180
Total debt securities ^(3,4)	\$ 964,289	\$ 10,752	\$ (11,331)	\$ 963,710	\$ 678,237	\$ 16,908	\$ (364)	\$ 694,781

⁽¹⁾ At both September 30, 2021 and December 31, 2020, the underlying collateral type included approximately 37 percent prime, 2 percent Alt-A and 61 percent subprime.

⁽²⁾ Primarily includes non-U.S. securities used to satisfy certain international regulatory requirements. Any changes in value are reported in market making and similar activities. For detail on the components, see *Note 14 – Fair Value Measurements*.

⁽³⁾ Includes securities pledged as collateral of \$76.4 billion and \$65.5 billion at September 30, 2021 and December 31, 2020.

⁽⁴⁾ The Corporation held debt securities from Fannie Mae (FNMA) and Freddie Mac (FHLMC) that each exceeded 10 percent of shareholders' equity, with an amortized cost of \$48.6 billion and \$205.7 billion, and a fair value of \$48.4 billion and \$204.1 billion at September 30, 2021, and an amortized cost of \$260.1 billion and \$118.1 billion, and a fair value of \$267.5 billion and \$120.7 billion at December 31, 2020.

At September 30, 2021, the accumulated net unrealized gain on AFS debt securities, excluding the amount related to debt securities previously transferred to held to maturity, included in accumulated OCI was \$3.3 billion, net of the related income tax expense of \$1.1 billion. The Corporation had nonperforming AFS debt securities of \$18 million and \$20 million at September 30, 2021 and December 31, 2020.

At September 30, 2021 and December 31, 2020, the Corporation had \$244.0 billion and \$200.0 billion in AFS debt securities, which were primarily U.S. agency and U.S. Treasury securities that have a zero credit loss assumption. For the remaining \$31.3 billion and \$34.5 billion in AFS debt securities at September 30, 2021 and December 31, 2020, the amount of expected credit losses was insignificant. Substantially all of the Corporation's HTM debt securities consist of U.S. agency and U.S. Treasury securities and have a zero credit loss assumption.

At September 30, 2021 and December 31, 2020, the Corporation held equity securities at an aggregate fair value of \$611 million and \$769 million and other equity securities, as valued under the measurement alternative, at a carrying value of \$268 million and \$240 million, both of which are included in other assets. At September 30, 2021 and December 31, 2020, the Corporation also held money market investments at a fair value of \$336 million and \$1.6 billion, which are included in time deposits placed and other short-term investments.

During the three and nine months ended September 30, 2021, sales of AFS securities were not significant. For the same periods in 2020, the Corporation recorded gross realized gains of \$4 million and \$383 million and gross realized losses of \$2 million and \$4 million, resulting in net gains of \$2 million and \$379 million, with \$1 million and \$95 million of income taxes attributable to the realized net gains on sales of these AFS debt securities.

The table below presents the fair value and the associated gross unrealized losses on AFS debt securities and whether these securities have had gross unrealized losses for less than 12 months or for 12 months or longer at September 30, 2021 and December 31, 2020.

Total AFS Debt Securities in a Continuous Unrealized Loss Position

	Less than Twelve Months		Twelve Months or Longer		Total	
	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses	Fair Value	Gross Unrealized Losses
September 30, 2021						
(Dollars in millions)						
Continuously unrealized loss-positioned AFS debt securities						
Mortgage-backed securities:						
Agency	\$ 10,421	\$ (72)	\$ 1,037	\$ (18)	\$ 11,458	\$ (90)
Agency-collateralized mortgage obligations	1,528	(6)	192	(5)	1,720	(11)
Commercial	2,517	(35)	322	(15)	2,839	(50)
Non-agency residential	479	(25)	113	(10)	592	(35)
Total mortgage-backed securities	14,945	(138)	1,664	(48)	16,609	(186)
U.S. Treasury and government agencies	45,297	(151)	944	(12)	46,241	(163)
Other taxable securities	336	(1)	—	—	336	(1)
Tax-exempt securities	373	(9)	422	(12)	795	(21)
Total AFS debt securities in a continuous unrealized loss position	\$ 60,951	\$ (299)	\$ 3,030	\$ (72)	\$ 63,981	\$ (371)
December 31, 2020						
Continuously unrealized loss-positioned AFS debt securities						
Mortgage-backed securities:						
Agency	\$ 2,841	\$ (39)	\$ 2	\$ —	\$ 2,843	\$ (39)
Agency-collateralized mortgage obligations	187	(2)	364	(11)	551	(13)
Commercial	566	(4)	9	—	575	(4)
Non-agency residential	342	(9)	56	(8)	398	(17)
Total mortgage-backed securities	3,936	(54)	431	(19)	4,367	(73)
U.S. Treasury and government agencies	8,282	(9)	498	(4)	8,780	(13)
Non-U.S. securities	1,861	(6)	135	(1)	1,996	(7)
Other taxable securities	576	(2)	396	(4)	972	(6)
Tax-exempt securities	4,108	(29)	617	(3)	4,725	(32)
Total AFS debt securities in a continuous unrealized loss position	\$ 18,763	\$ (100)	\$ 2,077	\$ (31)	\$ 20,840	\$ (131)

The remaining contractual maturity distribution and yields of the Corporation's debt securities carried at fair value and HTM debt securities at September 30, 2021 are summarized in the table below. Actual duration and yields may differ as prepayments on the loans underlying the MBS or other asset-backed securities (ABS) are passed through to the Corporation.

Maturities of Debt Securities Carried at Fair Value and Held-to-maturity Debt Securities

(Dollars in millions)	Due in One Year or Less		Due after One Year through Five Years		Due after Five Years through Ten Years		Due after Ten Years		Total	
	Amount	Yield ⁽¹⁾	Amount	Yield ⁽¹⁾	Amount	Yield ⁽¹⁾	Amount	Yield ⁽¹⁾	Amount	Yield ⁽¹⁾
Amortized cost of debt securities carried at fair value										
Mortgage-backed securities:										
Agency	\$ —	— %	\$ 5	4.73 %	\$ 53	4.51 %	\$ 50,698	3.12 %	\$ 50,756	3.12 %
Agency-collateralized mortgage obligations	—	—	—	—	21	2.52	3,663	2.91	3,684	2.91
Commercial	354	2.32	10,257	2.48	5,857	1.75	1,636	2.18	18,104	2.21
Non-agency residential	—	—	—	—	—	—	1,442	6.59	1,442	6.59
Total mortgage-backed securities	354	2.32	10,262	2.48	5,931	1.78	57,439	3.17	73,986	2.96
U.S. Treasury and government agencies	4,988	1.25	33,785	1.65	128,893	1.07	29	2.57	167,695	1.20
Non-U.S. securities	20,658	0.30	370	3.01	344	1.03	61	51.33	21,433	0.51
Other taxable securities	666	1.53	1,336	2.27	341	2.44	246	1.63	2,589	2.04
Tax-exempt securities	1,542	1.07	7,539	1.35	3,445	1.65	2,786	1.40	15,312	1.40
Total amortized cost of debt securities carried at fair value	\$ 28,208	0.57	\$ 53,292	1.79	\$ 138,954	1.12	\$ 60,561	3.13	\$ 281,015	1.62
Amortized cost of HTM debt securities										
Agency mortgage-backed securities	\$ —	— %	\$ —	— %	\$ 4	2.33 %	\$ 562,120	2.15 %	\$ 562,124	2.15 %
U.S. Treasury and government agencies	—	—	—	—	111,855	1.35	—	—	111,855	1.35
Other taxable securities	234	6.51	824	2.36	314	3.05	7,923	2.52	9,295	2.63
Total amortized cost of HTM debt securities	\$ 234	6.51	\$ 824	2.36	\$ 112,173	1.35	\$ 570,043	2.16	\$ 683,274	2.03
Debt securities carried at fair value										
Mortgage-backed securities:										
Agency	\$ —		\$ 5		\$ 57		\$ 52,235		\$ 52,297	
Agency-collateralized mortgage obligations	—		—		21		3,755		3,776	
Commercial	358		10,798		5,998		1,678		18,832	
Non-agency residential	—		—		4		1,506		1,510	
Total mortgage-backed securities	358		10,803		6,080		59,174		76,415	
U.S. Treasury and government agencies	5,024		34,884		129,463		30		169,401	
Non-U.S. securities	20,534		373		347		59		21,313	
Other taxable securities	671		1,368		346		251		2,636	
Tax-exempt securities	1,544		7,681		3,577		2,810		15,612	
Total debt securities carried at fair value	\$ 28,131		\$ 55,109		\$ 139,813		\$ 62,324		\$ 285,377	
Fair value of HTM debt securities										
Agency mortgage-backed securities	\$ —		\$ —		\$ 4		\$ 559,586		\$ 559,590	
U.S. Treasury and government agencies	—		—		109,408		—		109,408	
Other taxable securities	234		863		326		7,912		9,335	
Total fair value of HTM debt securities	\$ 234		\$ 863		\$ 109,738		\$ 567,498		\$ 678,333	

⁽¹⁾ The weighted-average yield is computed based on a constant effective interest rate over the contractual life of each security. The average yield considers the contractual coupon and the amortization of premiums and accretion of discounts, excluding the effect of related hedging derivatives.

NOTE 5 Outstanding Loans and Leases and Allowance for Credit Losses

The following tables present total outstanding loans and leases and an aging analysis for the Consumer Real Estate, Credit Card and Other Consumer, and Commercial portfolio segments, by class of financing receivables, at September 30, 2021 and December 31, 2020.

	30-59 Days Past Due ⁽¹⁾	60-89 Days Past Due ⁽¹⁾	90 Days or More Past Due ⁽¹⁾	Total Past Due 30 Days or More	Total Current or Less Than 30 Days Past Due ⁽¹⁾	Loans Accounted for Under the Fair Value Option	Total Outstandings
(Dollars in millions)							
September 30, 2021							
Consumer real estate							
Residential mortgage	\$ 1,010	\$ 276	\$ 1,504	\$ 2,790	\$ 214,150		\$ 216,940
Home equity	132	69	366	567	28,433		29,000
Credit card and other consumer							
Credit card	286	198	450	934	75,935		76,869
Direct/Indirect consumer ⁽²⁾	119	31	16	166	99,679		99,845
Other consumer	—	—	—	—	202		202
Total consumer	1,547	574	2,336	4,457	418,399		422,856
Consumer loans accounted for under the fair value option ⁽³⁾						\$ 616	616
Total consumer loans and leases	1,547	574	2,336	4,457	418,399	616	423,472
Commercial							
U.S. commercial	640	234	238	1,112	294,815		295,927
Non-U.S. commercial	77	48	130	255	102,595		102,850
Commercial real estate ⁽⁴⁾	138	—	208	346	60,377		60,723
Commercial lease financing	32	33	15	80	14,964		15,044
U.S. small business commercial ⁽⁵⁾	70	43	66	179	22,591		22,770
Total commercial	957	358	657	1,972	495,342		497,314
Commercial loans accounted for under the fair value option ⁽³⁾						6,950	6,950
Total commercial loans and leases	957	358	657	1,972	495,342	6,950	504,264
Total loans and leases ⁽⁶⁾	\$ 2,504	\$ 932	\$ 2,993	\$ 6,429	\$ 913,741	\$ 7,566	\$ 927,736
Percentage of outstandings	0.27 %	0.10 %	0.32 %	0.69 %	98.49 %	0.82 %	100.00 %

⁽¹⁾ Consumer real estate loans 30-59 days past due includes fully-insured loans of \$85 million and nonperforming loans of \$16 million. Consumer real estate loans 60-89 days past due includes fully-insured loans of \$7 million and nonperforming loans of \$102 million. Consumer real estate loans 90 days or more past due includes fully-insured loans of \$648 million. Consumer real estate loans current or less than 30 days past due includes \$ 5 billion and direct/indirect consumer includes \$9 million of nonperforming loans. For information on the Corporation's interest accrual policies and delinquency status for loan modifications related to the pandemic, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

⁽²⁾ Total outstandings primarily includes auto and specialty lending loans and leases of \$7.2 billion, U.S. securities-based lending loans of \$48.7 billion and non-U.S. consumer loans of \$3.0 billion.

⁽³⁾ Consumer loans accounted for under the fair value option includes residential mortgage loans of \$41 million and home equity loans of \$375 million. Commercial loans accounted for under the fair value option includes U.S. commercial loans of \$ 5 billion and non-U.S. commercial loans of \$2.4 billion. For more information, see *Note 14 – Fair Value Measurements* and *Note 15 – Fair Value Option*.

⁽⁴⁾ Total outstandings includes U.S. commercial real estate loans of \$6.6 billion and non-U.S. commercial real estate loans of \$ 1 billion.

⁽⁵⁾ Includes Paycheck Protection Program loans.

⁽⁶⁾ Total outstandings includes loans and leases pledged as collateral of \$2.8 billion. The Corporation also pledged \$150.2 billion of loans with no related outstanding borrowings to secure potential borrowing capacity with the Federal Reserve Bank and Federal Home Loan Bank.

	30-59 Days Past Due ⁽¹⁾	60-89 Days Past Due ⁽¹⁾	90 Days or More Past Due ⁽¹⁾	Total Past Due 30 Days or More	Total Current or Less Than 30 Days Past Due ⁽¹⁾	Loans Accounted for Under the Fair Value Option	Total Outstandings
(Dollars in millions)	December 31, 2020						
Consumer real estate							
Residential mortgage	\$ 1,430	\$ 297	\$ 1,699	\$ 3,426	\$ 220,129		\$ 223,555
Home equity	154	78	345	577	33,734		34,311
Credit card and other consumer							
Credit card	445	341	903	1,689	77,019		78,708
Direct/Indirect consumer ⁽²⁾	209	67	37	313	91,050		91,363
Other consumer	—	—	—	—	124		124
Total consumer	2,238	783	2,984	6,005	422,056		428,061
Consumer loans accounted for under the fair value option ⁽³⁾						\$ 735	735
Total consumer loans and leases	2,238	783	2,984	6,005	422,056	735	428,796
Commercial							
U.S. commercial	561	214	512	1,287	287,441		288,728
Non-U.S. commercial	61	44	11	116	90,344		90,460
Commercial real estate ⁽⁴⁾	128	113	226	467	59,897		60,364
Commercial lease financing	86	20	57	163	16,935		17,098
U.S. small business commercial ⁽⁵⁾	84	56	123	263	36,206		36,469
Total commercial	920	447	929	2,296	490,823		493,119
Commercial loans accounted for under the fair value option ⁽³⁾						5,946	5,946
Total commercial loans and leases	920	447	929	2,296	490,823	5,946	499,065
Total loans and leases ⁽⁶⁾	\$ 3,158	\$ 1,230	\$ 3,913	\$ 8,301	\$ 912,879	\$ 6,681	\$ 927,861
Percentage of outstandings	0.34 %	0.13 %	0.42 %	0.89 %	98.39 %	0.72 %	100.00 %

⁽¹⁾ Consumer real estate loans 30-59 days past due includes fully-insured loans of \$25 million and nonperforming loans of \$126 million. Consumer real estate loans 60-89 days past due includes fully-insured loans of \$103 million and nonperforming loans of \$35 million. Consumer real estate loans 90 days or more past due includes fully-insured loans of \$762 million. Consumer real estate loans current or less than 30 days past due includes \$3.2 billion and direct/indirect consumer includes \$6 million of nonperforming loans. For information on the Corporation's interest accrual policies and delinquency status for loan modifications related to the pandemic, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

⁽²⁾ Total outstandings primarily includes auto and specialty lending loans and leases of \$6.4 billion, U.S. securities-based lending loans of \$41.1 billion and non-U.S. consumer loans of \$3.0 billion.

⁽³⁾ Consumer loans accounted for under the fair value option includes residential mortgage loans of \$98 million and home equity loans of \$137 million. Commercial loans accounted for under the fair value option includes U.S. commercial loans of \$2.9 billion and non-U.S. commercial loans of \$3.0 billion. For more information, see *Note 14 – Fair Value Measurements* and *Note 15 – Fair Value Option*.

⁽⁴⁾ Total outstandings includes U.S. commercial real estate loans of \$57.2 billion and non-U.S. commercial real estate loans of \$3.2 billion.

⁽⁵⁾ Includes Paycheck Protection Program loans.

⁽⁶⁾ Total outstandings includes loans and leases pledged as collateral of \$5.5 billion. The Corporation also pledged \$153.1 billion of loans with no related outstanding borrowings to secure potential borrowing capacity with the Federal Reserve Bank and Federal Home Loan Bank.

The Corporation has entered into long-term credit protection agreements with FNMA and FHLMC on loans totaling \$10.3 billion and \$9.0 billion at September 30, 2021 and December 31, 2020, providing full credit protection on residential mortgage loans that become severely delinquent. All of these loans are individually insured, and therefore the Corporation does not record an allowance for credit losses related to these loans.

Nonperforming Loans and Leases

Commercial nonperforming loans decreased to \$1.7 billion at September 30, 2021 from \$2.2 billion at December 31, 2020. Consumer nonperforming loans increased to \$3.0 billion at September 30, 2021 from \$2.7 billion at December 31, 2020 driven by consumer real estate deferral activity.

The following table presents the Corporation's nonperforming loans and leases including nonperforming troubled debt restructurings (TDRs), and loans accruing past due 90 days or more at September 30, 2021 and December 31, 2020. Nonperforming loans held-for-sale (LHFS) are excluded from nonperforming loans and leases as they are recorded at either fair value or the lower of cost or fair value. For more information on the criteria for classification as nonperforming, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Credit Quality

	Nonperforming Loans and Leases		Accruing Past Due 90 Days or More ⁽¹⁾	
	September 30 2021	December 31 2020	September 30 2021	December 31 2020
(Dollars in millions)				
Residential mortgage ⁽²⁾	\$ 2,296	\$ 2,005	\$ 648	\$ 762
With no related allowance ⁽³⁾	1,984	1,378	—	—
Home equity ⁽²⁾	676	649	—	—
With no related allowance ⁽³⁾	419	347	—	—
Credit Card	n/a	n/a	450	903
Direct/indirect consumer	45	71	8	33
Total consumer	3,017	2,725	1,106	1,698
U.S. commercial	909	1,243	84	228
Non-U.S. commercial	272	418	60	10
Commercial real estate	414	404	5	6
Commercial lease financing	70	87	11	25
U.S. small business commercial	32	75	64	115
Total commercial	1,697	2,227	224	384
Total nonperforming loans	\$ 4,714	\$ 4,952	\$ 1,330	\$ 2,082
Percentage of outstanding loans and leases	0.51 %	0.54 %	0.14 %	0.23 %

⁽¹⁾ For information on the Corporation's interest accrual policies and delinquency status for loan modifications related to the pandemic, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

⁽²⁾ Residential mortgage loans accruing past due 90 days or more are fully-insured loans. At September 30, 2021 and December 31, 2020 residential mortgage includes \$66 million and \$537 million of loans on which interest had been curtailed by the Federal Housing Administration (FHA), and therefore were no longer accruing interest, although principal was still insured, and \$182 million and \$225 million of loans on which interest was still accruing.

⁽³⁾ Primarily relates to loans for which the estimated fair value of the underlying collateral less any costs to sell is greater than the amortized cost of the loans as of the reporting date.

n/a = not applicable

Credit Quality Indicators

The Corporation monitors credit quality within its Consumer Real Estate, Credit Card and Other Consumer, and Commercial portfolio segments based on primary credit quality indicators. For more information on the portfolio segments, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K. Within the Consumer Real Estate portfolio segment, the primary credit quality indicators are refreshed loan-to-value (LTV) and refreshed Fair Isaac Corporation (FICO) score. Refreshed LTV measures the carrying value of the loan as a percentage of the value of the property securing the loan, refreshed quarterly. Home equity loans are evaluated using combined loan-to-value (CLTV), which measures the carrying value of the Corporation's loan and available line of credit combined with any outstanding senior liens against the property as a percentage of the value of the property securing the loan, refreshed quarterly. FICO score measures the creditworthiness of the borrower based on the financial obligations of the borrower and the borrower's credit history. FICO scores are typically refreshed quarterly or more frequently. Certain borrowers (e.g., borrowers that have had debts discharged in a

bankruptcy proceeding) may not have their FICO scores updated. FICO scores are also a primary credit quality indicator for the Credit Card and Other Consumer portfolio segment and the business card portfolio within U.S. small business commercial. Within the Commercial portfolio segment, loans are evaluated using the internal classifications of pass rated or reservable criticized as the primary credit quality indicators. The term reservable criticized refers to those commercial loans that are internally classified or listed by the Corporation as Special Mention, Substandard or Doubtful, which are asset quality categories defined by regulatory authorities. These assets have an elevated level of risk and may have a high probability of default or total loss. Pass rated refers to all loans not considered reservable criticized. In addition to these primary credit quality indicators, the Corporation uses other credit quality indicators for certain types of loans.

The following tables present certain credit quality indicators for the Corporation's Consumer Real Estate, Credit Card and Other Consumer, and Commercial portfolio segments by class of financing receivables and year of origination for term loan balances at September 30, 2021, including revolving loans that converted to term loans without an additional credit decision after origination or through a TDR.

Residential Mortgage – Credit Quality Indicators By Vintage

		Term Loans by Origination Year						
	Total as of September 30, 2021	2021	2020	2019	2018	2017	Prior	
(Dollars in millions)								
Total Residential Mortgage								
Refreshed LTV								
Less than or equal to 90 percent	\$ 201,127	\$ 66,702	\$ 48,549	\$ 26,414	\$ 8,448	\$ 12,487	\$ 38,527	
Greater than 90 percent but less than or equal to 100 percent	2,388	1,327	704	169	31	24	133	
Greater than 100 percent	801	451	155	57	16	14	108	
Fully-insured loans	12,624	2,945	3,698	1,370	253	259	4,099	
Total Residential Mortgage	\$ 216,940	\$ 71,425	\$ 53,106	\$ 28,010	\$ 8,748	\$ 12,784	\$ 42,867	
Total Residential Mortgage								
Refreshed FICO score								
Less than 620	\$ 2,499	\$ 517	\$ 480	\$ 151	\$ 123	\$ 124	\$ 1,104	
Greater than or equal to 620 and less than 680	4,932	1,057	1,162	525	318	310	1,560	
Greater than or equal to 680 and less than 740	23,689	6,536	5,973	2,935	1,225	1,563	5,457	
Greater than or equal to 740	173,196	60,370	41,793	23,029	6,829	10,528	30,647	
Fully-insured loans	12,624	2,945	3,698	1,370	253	259	4,099	
Total Residential Mortgage	\$ 216,940	\$ 71,425	\$ 53,106	\$ 28,010	\$ 8,748	\$ 12,784	\$ 42,867	

Home Equity - Credit Quality Indicators

			Home Equity Loans and Reverse Mortgages ⁽¹⁾	Revolving Loans	Revolving Loans Converted to Term Loans
	Total				
(Dollars in millions)	September 30, 2021				
Total Home Equity					
Refreshed LTV					
Less than or equal to 90 percent	\$ 28,529	\$ 1,789	\$ 19,526	\$ 7,214	
Greater than 90 percent but less than or equal to 100 percent	192	83	47	62	
Greater than 100 percent	279	105	70	104	
Total Home Equity	\$ 29,000	\$ 1,977	\$ 19,643	\$ 7,380	
Total Home Equity					
Refreshed FICO score					
Less than 620	\$ 930	\$ 240	\$ 214	\$ 476	
Greater than or equal to 620 and less than 680	1,483	230	497	756	
Greater than or equal to 680 and less than 740	4,807	487	2,509	1,811	
Greater than or equal to 740	21,780	1,020	16,423	4,337	
Total Home Equity	\$ 29,000	\$ 1,977	\$ 19,643	\$ 7,380	

⁽¹⁾ Includes reverse mortgages of \$1.3 billion and home equity loans of \$46 million which are no longer originated.

Credit Card and Direct/Indirect Consumer – Credit Quality Indicators By Vintage

(Dollars in millions)	Direct/Indirect									Credit Card		
	Total Direct/ Indirect as of September 30, 2021	Revolving Loans	Term Loans by Origination Year									
			2021	2020	2019	2018	2017	Prior	Total Credit Card as of September 30, 2021	Revolving Loans	Revolving Loans Converted to Term Loans ⁽¹⁾	
Refreshed FICO score												
Less than 620	\$ 677	\$ 14	\$ 117	\$ 110	\$ 139	\$ 95	\$ 122	\$ 80	\$ 2,846	\$ 2,686	\$ 160	
Greater than or equal to 620 and less than 680	2,194	15	890	464	355	173	165	132	8,665	8,460	205	
Greater than or equal to 680 and less than 740	8,083	63	3,544	1,869	1,290	565	390	362	26,939	26,740	199	
Greater than or equal to 740	36,456	97	12,248	9,572	7,425	3,284	1,940	1,890	38,419	38,370	49	
Other internal credit metrics ^(2,3)	52,435	51,699	283	67	91	84	61	150	—	—	—	
Total credit card and other consumer	\$ 99,845	\$ 51,888	\$ 17,082	\$ 12,082	\$ 9,300	\$ 4,201	\$ 2,678	\$ 2,614	\$ 76,869	\$ 76,256	\$ 613	

⁽¹⁾ Represents TDRs that were modified into term loans.

⁽²⁾ Other internal credit metrics may include delinquency status, geography or other factors.

⁽³⁾ Direct/indirect consumer includes \$51.7 billion of securities-based lending which is typically supported by highly liquid collateral with market value greater than or equal to the outstanding loan balance and therefore has minimal credit risk at September 30, 2021.

Commercial – Credit Quality Indicators By Vintage ^(1, 2)

(Dollars in millions)	Term Loans									
	Total as of September 30, 2021	Amortized Cost Basis by Origination Year								Revolving Loans
		2021	2020	2019	2018	2017	Prior			
U.S. Commercial										
Risk ratings										
Pass rated	\$ 284,704	\$ 39,184	\$ 24,933	\$ 25,500	\$ 11,900	\$ 11,207	\$ 23,764	\$ 148,216		
Reservable criticized	11,223	461	1,082	1,491	1,730	583	1,191	4,685		
Total U.S. Commercial	\$ 295,927	\$ 39,645	\$ 26,015	\$ 26,991	\$ 13,630	\$ 11,790	\$ 24,955	\$ 152,901		
Non-U.S. Commercial										
Risk ratings										
Pass rated	\$ 100,057	\$ 17,768	\$ 10,213	\$ 7,795	\$ 4,775	\$ 3,633	\$ 3,000	\$ 52,873		
Reservable criticized	2,793	188	341	616	378	200	285	785		
Total Non-U.S. Commercial	\$ 102,850	\$ 17,956	\$ 10,554	\$ 8,411	\$ 5,153	\$ 3,833	\$ 3,285	\$ 53,658		
Commercial Real Estate										
Risk ratings										
Pass rated	\$ 52,861	\$ 8,993	\$ 7,653	\$ 12,445	\$ 7,021	\$ 3,742	\$ 7,669	\$ 5,338		
Reservable criticized	7,862	209	993	1,972	1,856	996	1,339	497		
Total Commercial Real Estate	\$ 60,723	\$ 9,202	\$ 8,646	\$ 14,417	\$ 8,877	\$ 4,738	\$ 9,008	\$ 5,835		
Commercial Lease Financing										
Risk ratings										
Pass rated	\$ 14,640	\$ 1,515	\$ 2,641	\$ 2,921	\$ 2,203	\$ 2,020	\$ 3,340	\$ —		
Reservable criticized	404	27	11	96	71	52	147	—		
Total Commercial Lease Financing	\$ 15,044	\$ 1,542	\$ 2,652	\$ 3,017	\$ 2,274	\$ 2,072	\$ 3,487	\$ —		
U.S. Small Business Commercial ⁽³⁾										
Risk ratings										
Pass rated	\$ 15,149	\$ 6,414	\$ 4,524	\$ 1,101	\$ 800	\$ 665	\$ 1,504	\$ 141		
Reservable criticized	546	7	32	111	99	78	216	3		
Total U.S. Small Business Commercial	\$ 15,695	\$ 6,421	\$ 4,556	\$ 1,212	\$ 899	\$ 743	\$ 1,720	\$ 144		
Total	\$ 490,239	\$ 74,766	\$ 52,423	\$ 54,048	\$ 30,833	\$ 23,176	\$ 42,455	\$ 212,538		

⁽¹⁾ Excludes \$7.0 billion of loans accounted for under the fair value option at September 30, 2021.

⁽²⁾ Includes \$18 million of loans that converted from revolving to term loans.

⁽³⁾ Excludes U.S. Small Business Card loans of \$7.1 billion. Refreshed FICO scores for this portfolio are \$188 million for less than 620; \$572 million for greater than or equal to 620 and less than 680; \$1.8 billion for greater than or equal to 680 and less than 740; and \$4.5 billion greater than or equal to 740.

The following tables present certain credit quality indicators for the Corporation's Consumer Real Estate, Credit Card and Other Consumer, and Commercial portfolio segments by class of financing receivables and year of origination for term loan balances at December 31, 2020, including revolving loans that converted to term loans without an additional credit decision after origination or through a TDR.

Residential Mortgage – Credit Quality Indicators By Vintage

		Term Loans by Origination Year						
Dollars in millions)	Total as of December 31, 2020	2020	2019	2018	2017	2016	Prior	
Total Residential Mortgage								
Refreshed LTV								
Less than or equal to 90 percent	\$	207,389 \$	68,907 \$	43,771 \$	14,658 \$	21,589 \$	22,967 \$	35,497
Greater than 90 percent but less than or equal to 100 percent		3,138	1,970	684	128	70	96	190
Greater than 100 percent		1,210	702	174	47	39	37	211
Fully-insured loans		11,818	3,826	2,014	370	342	1,970	3,296
Total Residential Mortgage	\$	223,555 \$	75,405 \$	46,643 \$	15,203 \$	22,040 \$	25,070 \$	39,194
Total Residential Mortgage								
Refreshed FICO score								
Less than 620	\$	2,717 \$	823 \$	177 \$	139 \$	170 \$	150 \$	1,258
Greater than or equal to 620 and less than 680		5,462	1,804	666	468	385	368	1,771
Greater than or equal to 680 and less than 740		25,349	8,533	4,679	1,972	2,427	2,307	5,431
Greater than or equal to 740		178,209	60,419	39,107	12,254	18,716	20,275	27,438
Fully-insured loans		11,818	3,826	2,014	370	342	1,970	3,296
Total Residential Mortgage	\$	223,555 \$	75,405 \$	46,643 \$	15,203 \$	22,040 \$	25,070 \$	39,194

Home Equity - Credit Quality Indicators

		Home Equity Loans and Reverse Mortgages ⁽¹⁾	Revolving Loans	Revolving Loans Converted to Term Loans
Dollars in millions)	Total			
	December 31, 2020			
Total Home Equity				
Refreshed LTV				
Less than or equal to 90 percent	\$ 33,447	\$ 1,919	\$ 22,639	\$ 8,889
Greater than 90 percent but less than or equal to 100 percent	351	126	94	131
Greater than 100 percent	513	172	118	223
Total Home Equity	\$ 34,311	\$ 2,217	\$ 22,851	\$ 9,243
Total Home Equity				
Refreshed FICO score				
Less than 620	\$ 1,082	\$ 250	\$ 244	\$ 588
Greater than or equal to 620 and less than 680	1,798	263	568	967
Greater than or equal to 680 and less than 740	5,762	556	2,905	2,301
Greater than or equal to 740	25,669	1,148	19,134	5,387
Total Home Equity	\$ 34,311	\$ 2,217	\$ 22,851	\$ 9,243

⁽¹⁾ Includes reverse mortgages of \$1.3 billion and home equity loans of \$85 million which are no longer originated.

Credit Card and Direct/Indirect Consumer – Credit Quality Indicators By Vintage

(Dollars in millions)	Direct/Indirect								Credit Card		
	Term Loans by Origination Year										
	Total Direct/Indirect as of December 31, 2020	Revolving Loans	2020	2019	2018	2017	2016	Prior	Total Credit Card as of December 31, 2020	Revolving Loans	Revolving Loans Converted to Term Loans ⁽¹⁾
Refreshed FICO score											
Less than 620	\$ 959	\$ 19	\$ 111	\$ 200	\$ 175	\$ 243	\$ 148	\$ 63	\$ 4,018	\$ 3,832	\$ 186
Greater than or equal to 620 and less than 680	2,143	20	653	559	329	301	176	105	9,419	9,201	218
Greater than or equal to 680 and less than 740	7,431	80	2,848	2,015	1,033	739	400	316	27,585	27,392	193
Greater than or equal to 740	36,064	120	12,540	10,588	5,869	3,495	1,781	1,671	37,686	37,642	44
Other internal credit metrics ^(2, 3)	44,766	44,098	74	115	84	67	52	276	—	—	—
Total credit card and other consumer	\$ 91,363	\$ 44,337	\$ 16,226	\$ 13,477	\$ 7,490	\$ 4,845	\$ 2,557	\$ 2,431	\$ 78,708	\$ 78,067	\$ 641

⁽¹⁾ Represents TDRs that were modified into term loans.

⁽²⁾ Other internal credit metrics may include delinquency status, geography or other factors.

⁽³⁾ Direct/indirect consumer includes \$44.1 billion of securities-based lending which is typically supported by highly liquid collateral with market value greater than or equal to the outstanding loan balance and therefore has minimal credit risk at December 31, 2020.

Commercial – Credit Quality Indicators By Vintage ^(1, 2)

(Dollars in millions)	Term Loans										
	Amortized Cost Basis by Origination Year										
	Total as of December 31, 2020	2020	2019	2018	2017	2016	Prior	Revolving Loans			
U.S. Commercial											
Risk ratings											
Pass rated	\$ 268,812	\$ 33,456	\$ 33,305	\$ 17,363	\$ 14,102	\$ 7,420	\$ 21,784	\$ 141,382			
Reservable criticized	19,916	2,524	2,542	2,689	854	698	1,402	9,207			
Total U.S. Commercial	\$ 288,728	\$ 35,980	\$ 35,847	\$ 20,052	\$ 14,956	\$ 8,118	\$ 23,186	\$ 150,589			
Non-U.S. Commercial											
Risk ratings											
Pass rated	\$ 85,914	\$ 16,301	\$ 11,396	\$ 7,451	\$ 5,037	\$ 1,674	\$ 2,194	\$ 41,861			
Reservable criticized	4,546	914	572	492	436	138	259	1,735			
Total Non-U.S. Commercial	\$ 90,460	\$ 17,215	\$ 11,968	\$ 7,943	\$ 5,473	\$ 1,812	\$ 2,453	\$ 43,596			
Commercial Real Estate											
Risk ratings											
Pass rated	\$ 50,260	\$ 8,429	\$ 14,126	\$ 8,228	\$ 4,599	\$ 3,299	\$ 6,542	\$ 5,037			
Reservable criticized	10,104	933	2,558	2,115	1,582	606	1,436	874			
Total Commercial Real Estate	\$ 60,364	\$ 9,362	\$ 16,684	\$ 10,343	\$ 6,181	\$ 3,905	\$ 7,978	\$ 5,911			
Commercial Lease Financing											
Risk ratings											
Pass rated	\$ 16,384	\$ 3,083	\$ 3,242	\$ 2,956	\$ 2,532	\$ 1,703	\$ 2,868	\$ —			
Reservable criticized	714	117	117	132	81	88	179	—			
Total Commercial Lease Financing	\$ 17,098	\$ 3,200	\$ 3,359	\$ 3,088	\$ 2,613	\$ 1,791	\$ 3,047	\$ —			
U.S. Small Business Commercial ⁽³⁾											
Risk ratings											
Pass rated	\$ 28,786	\$ 24,539	\$ 1,121	\$ 837	\$ 735	\$ 527	\$ 855	\$ 172			
Reservable criticized	1,148	76	239	210	175	113	322	13			
Total U.S. Small Business Commercial	\$ 29,934	\$ 24,615	\$ 1,360	\$ 1,047	\$ 910	\$ 640	\$ 1,177	\$ 185			
Total	\$ 486,584	\$ 90,372	\$ 69,218	\$ 42,473	\$ 30,133	\$ 16,266	\$ 37,841	\$ 200,281			

⁽¹⁾ Excludes \$5.9 billion of loans accounted for under the fair value option at December 31, 2020.

⁽²⁾ Includes \$58 million of loans that converted from revolving to term loans.

⁽³⁾ Excludes U.S. Small Business Card loans of \$6.5 billion. Refreshed FICO scores for this portfolio are \$265 million for less than 620; \$582 million for greater than or equal to 620 and less than 680; \$1.7 billion for greater than or equal to 680 and less than 740; and \$3.9 billion greater than or equal to 740.

During the nine months ended September 30, 2021, commercial credit quality showed signs of stabilization as the economy continued to recover. Commercial reservable criticized utilized exposure decreased to \$24.1 billion at September 30, 2021 from \$38.7 billion (to 4.53 percent from 7.31 percent of total commercial reservable utilized exposure) at December 31, 2020, which was broad-based across industries.

Troubled Debt Restructurings

The Corporation has been entering into loan modifications with borrowers in response to the pandemic, most of which are not classified as TDRs and therefore are not included in the following discussion. For more information on the criteria for classifying loans as TDRs, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Consumer Real Estate

Modifications of consumer real estate loans are classified as TDRs when the borrower is experiencing financial difficulties and a concession has been granted. Concessions may include reductions in interest rates, capitalization of past due amounts, principal and/or interest forbearance, payment extensions, principal and/or interest forgiveness, or combinations thereof. Prior to permanently modifying a loan, the Corporation may enter into trial modifications with certain borrowers under both government and proprietary programs. Trial modifications generally represent a three- to four-month period during which the borrower makes monthly payments under the anticipated modified payment terms. Upon successful completion of the trial period, the Corporation and the borrower enter into a permanent modification. Binding trial modifications are classified as TDRs when the trial offer is made and continue to be classified as TDRs regardless of whether the borrower enters into a permanent modification.

Consumer real estate loans of \$323 million that have been discharged in Chapter 7 bankruptcy with no change in repayment terms and not reaffirmed by the borrower were included in TDRs at September 30, 2021, of which \$95 million were classified as nonperforming and \$57 million were loans fully insured.

Consumer real estate TDRs are measured primarily based on the net present value of the estimated cash flows discounted at

the loan's original effective interest rate. If the carrying value of a TDR exceeds this amount, a specific allowance is recorded as a component of the allowance for loan and lease losses. Alternatively, consumer real estate TDRs that are considered to be dependent solely on the collateral for repayment (e.g., due to the lack of income verification) are measured based on the estimated fair value of the collateral, and a charge-off is recorded if the carrying value exceeds the fair value of the collateral. Consumer real estate loans that reach 180 days past due prior to modification are charged off to their net realizable value, less costs to sell, before they are modified as TDRs in accordance with established policy. Subsequent declines in the fair value of the collateral after a loan has reached 180 days past due are recorded as charge-offs. Fully-insured loans are protected against principal loss, and therefore, the Corporation does not record an allowance for loan and lease losses on the outstanding principal balance, even after they have been modified in a TDR.

At September 30, 2021 and December 31, 2020, remaining commitments to lend additional funds to debtors whose terms have been modified in a consumer real estate TDR were not significant. Consumer real estate foreclosed properties totaled \$87 million and \$123 million at September 30, 2021 and December 31, 2020. The carrying value of consumer real estate loans, including fully-insured loans, for which formal foreclosure proceedings were in process at September 30, 2021 was \$1.1 billion. During the nine months ended September 30, 2021, the Corporation reclassified \$33 million of consumer real estate loans, to foreclosed properties or, for properties acquired upon foreclosure of certain government-guaranteed loans (principally FHA-insured loans), to other assets. The reclassifications represent non-cash investing activities and, accordingly, are not reflected in the Consolidated Statement of Cash Flows.

The table below presents the September 30, 2021 and 2020 unpaid principal balance, carrying value, and average pre- and post-modification interest rates of consumer real estate loans that were modified in TDRs during the three and nine months ended September 30, 2021 and 2020. The following Consumer Real Estate portfolio segment tables include loans that were initially classified as TDRs during the period and also loans that had previously been classified as TDRs and were modified again during the period.

Consumer Real Estate – TDRs Entered into During the Three and Nine Months Ended September 30, 2021 and 2020

	Unpaid Principal Balance	Carrying Value	Pre-Modification Interest Rate		Post-Modification Interest Rate ⁽¹⁾		Unpaid Principal Balance	Carrying Value	Pre-Modification Interest Rate		Post-Modification Interest Rate ⁽¹⁾
(Dollars in millions)	Three Months Ended September 30, 2021						Nine Months Ended September 30, 2021				
Residential mortgage	\$ 451	\$ 399	3.52 %		3.49 %	\$	\$ 832	\$ 742	3.49 %		3.44 %
Home equity	61	45	3.51		3.51		97	73	3.56		3.58
Total	\$ 512	\$ 444	3.52		3.49	\$	\$ 929	\$ 815	3.50		3.46
	Three Months Ended September 30, 2020						Nine Months Ended September 30, 2020				
Residential mortgage	\$ 103	\$ 88	4.06 %		3.99 %	\$	\$ 294	\$ 244	4.07 %		3.90 %
Home equity	12	10	4.25		4.08		56	45	3.85		3.73
Total	\$ 115	\$ 98	4.08		4.00	\$	\$ 350	\$ 289	4.03		3.87

⁽¹⁾ The post-modification interest rate reflects the interest rate applicable only to permanently completed modifications, which exclude loans that are in a trial modification period.

The table below presents the September 30, 2021 and 2020 carrying value for consumer real estate loans that were modified in a TDR during the three and nine months ended September 30, 2021 and 2020, by type of modification.

Consumer Real Estate – Modification Programs

(Dollars in millions)	TDRs Entered into During the			
	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
Modifications under government programs	\$ —	\$ —	\$ 4	\$ 8
Modifications under proprietary programs	417	50	740	136
Loans discharged in Chapter 7 bankruptcy ⁽¹⁾	9	15	29	44
Trial modifications	18	33	42	101
Total modifications	\$ 444	\$ 98	\$ 815	\$ 289

⁽¹⁾ Includes loans discharged in Chapter 7 bankruptcy with no change in repayment terms that are classified as TDRs.

The table below presents the carrying value of consumer real estate loans that entered into payment default during the three and nine months ended September 30, 2021 and 2020 that were modified in a TDR during the 12 months preceding payment default. A payment default for consumer real estate TDRs is recognized when a borrower has missed three monthly payments (not necessarily consecutively) since modification.

Consumer Real Estate – TDRs Entering Payment Default that were Modified During the Preceding 12 Months

(Dollars in millions)	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
Modifications under government programs	\$ 1	\$ 6	\$ 3	\$ 14
Modifications under proprietary programs	35	8	80	27
Loans discharged in Chapter 7 bankruptcy ⁽¹⁾	1	4	6	15
Trial modifications ⁽²⁾	3	15	15	45
Total modifications	\$ 40	\$ 33	\$ 104	\$ 101

⁽¹⁾ Includes loans discharged in Chapter 7 bankruptcy with no change in repayment terms that are classified as TDRs.

⁽²⁾ Includes trial modification offers to which the customer did not respond.

Credit Card and Other Consumer

The Corporation seeks to assist customers who are experiencing financial difficulty by modifying loans while ensuring compliance with federal and local laws and guidelines. Credit card and other consumer loan modifications generally involve reducing the interest rate on the account, placing the customer on a fixed payment plan not exceeding 60 months and canceling the customer's available line of credit, all of which are considered TDRs. The Corporation makes loan modifications directly with borrowers for debt held only by the Corporation (internal programs). Additionally, the Corporation makes loan modifications for borrowers working with third-party renegotiation

agencies that provide solutions to customers' entire unsecured debt structures (external programs). The Corporation classifies other secured consumer loans that have been discharged in Chapter 7 bankruptcy as TDRs, which are written down to collateral value and placed on nonaccrual status no later than the time of discharge.

The table below provides information on the Corporation's Credit Card and Other Consumer TDR portfolio including the September 30, 2021 and 2020 unpaid principal balance, carrying value, and average pre- and post-modification interest rates of loans that were modified in TDRs during the three and nine months ended September 30, 2021 and 2020.

Credit Card and Other Consumer – TDRs Entered into During the Three and Nine Months Ended September 30, 2021 and 2020

(Dollars in millions)	Unpaid Principal Balance	Carrying Value ⁽¹⁾	Pre-Modification Interest Rate	Post-Modification Interest Rate	Unpaid Principal Balance	Carrying Value ⁽¹⁾	Pre-Modification Interest Rate	Post-Modification Interest Rate
	Three Months Ended September 30, 2021				Nine Months Ended September 30, 2021			
Credit card	\$ 66	\$ 71	18.48 %	3.71 %	\$ 189	\$ 200	18.47 %	4.26 %
Direct/Indirect consumer	4	2	5.20	5.20	13	8	5.53	5.53
Total	\$ 70	\$ 73	18.06	3.76	\$ 202	\$ 208	17.99	4.31
(Dollars in millions)	Three Months Ended September 30, 2020				Nine Months Ended September 30, 2020			
Credit card	\$ 71	\$ 77	18.19 %	6.86 %	\$ 203	\$ 214	18.06 %	5.82 %
Direct/Indirect consumer	35	29	6.02	6.02	50	37	5.87	5.87
Total	\$ 106	\$ 106	14.85	6.63	\$ 253	\$ 251	16.29	5.83

⁽¹⁾ Includes accrued interest and fees.

The table below presents the September 30, 2021 and 2020 carrying value for Credit Card and Other Consumer loans that were modified in a TDR during the three and nine months ended September 30, 2021 and 2020, by program type.

Credit Card and Other Consumer – TDRs by Program Type

(Dollars in millions)	TDRs Entered into During the Three Months Ended September 30		TDRs Entered into During the Nine Months Ended September 30	
	2021	2020	2021	2020
Internal programs	\$ 60	\$ 80	\$ 166	\$ 178
External programs	11	19	37	59
Other	2	7	5	14
Total	\$ 73	\$ 106	\$ 208	\$ 251

Credit card and other consumer loans are deemed to be in payment default during the quarter in which a borrower misses the second of two consecutive payments. Payment defaults are one of the factors considered when projecting future cash flows in the calculation of the allowance for loan and lease losses for credit card and other consumer. Based on historical experience, the Corporation estimates that 10 percent of new credit card TDRs and 16 percent of new direct/indirect consumer TDRs may be in payment default within 12 months after modification.

Commercial Loans

Modifications of loans to commercial borrowers that are experiencing financial difficulty are designed to reduce the Corporation's loss exposure while providing the borrower with an opportunity to work through financial difficulties, often to avoid foreclosure or bankruptcy. Each modification is unique and reflects the individual circumstances of the borrower. Modifications that result in a TDR may include extensions of maturity at a concessionary (below market) rate of interest, payment forbearances or other actions designed to benefit the borrower while mitigating the Corporation's risk exposure. Reductions in interest rates are rare. Instead, the interest rates are typically increased, although the increased rate may not represent a market rate of interest. Infrequently, concessions may also include principal forgiveness in connection with foreclosure, short sale or other settlement agreements leading to termination or sale of the loan.

At the time of restructuring, the loans are remeasured to reflect the impact, if any, on projected cash flows resulting from the modified terms. If a portion of the loan is deemed to be uncollectible, a charge-off may be recorded at the time of restructuring. Alternatively, a charge-off may have already been recorded in a previous period such that no charge-off is required at the time of modification.

During the three and nine months ended September 30, 2021, the carrying value of the Corporation's commercial loans that were modified as TDRs was \$213 million and \$1.1 billion compared to \$588 million and \$1.5 billion for the same periods in 2020. At September 30, 2021 and December 31, 2020, the Corporation had commitments to lend \$272 million and \$402 million to commercial borrowers whose loans are classified as

TDRs. The balance of commercial TDRs in payment default was \$168 million and \$218 million at September 30, 2021 and December 31, 2020.

Loans Held-for-sale

The Corporation had LHFS of \$9.4 billion and \$9.2 billion at September 30, 2021 and December 31, 2020. Cash and non-cash proceeds from sales and paydowns of loans originally classified as LHFS were \$27.0 billion and \$16.1 billion for the nine months ended September 30, 2021 and 2020. Cash used for originations and purchases of LHFS totaled approximately \$27.0 billion and \$11.1 billion for the nine months ended September 30, 2021 and 2020.

Accrued Interest Receivable

Accrued interest receivable for loans and leases and loans held-for-sale at September 30, 2021 and December 31, 2020 was \$2.2 billion and \$2.4 billion and is reported in customer and other receivables on the Consolidated Balance Sheet.

Outstanding credit card loan balances include unpaid principal, interest and fees. Credit card loans are not classified as nonperforming but are charged off no later than the end of the month in which the account becomes 180 days past due, within 60 days after receipt of notification of death or bankruptcy, or upon confirmation of fraud. During the three and nine months ended September 30, 2021, the Corporation reversed \$87 million and \$369 million of interest and fee income against the income statement line item in which it was originally recorded upon charge-off of the principal balance of the loan.

For the outstanding residential mortgage, home equity, direct/indirect consumer and commercial loan balances classified as nonperforming during the three and nine months ended September 30, 2021, interest and fee income reversed at the time the loans were classified as nonperforming was not significant. For more information on the Corporation's nonperforming loan policies, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Allowance for Credit Losses

The allowance for credit losses is estimated using quantitative and qualitative methods that consider a variety of factors, such as historical loss experience, the current credit quality of the portfolio and an economic outlook over the life of the loan. Qualitative reserves cover losses that are expected but, in the Corporation's assessment, may not be adequately reflected in the quantitative methods or the economic assumptions. The Corporation incorporates forward-looking information through the use of several macroeconomic scenarios in determining the weighted economic outlook over the forecasted life of the assets. These scenarios include key macroeconomic variables such as gross domestic product, unemployment rate, real estate prices and corporate bond spreads. The scenarios that are chosen each quarter and the weighting given to each scenario depend on a variety of factors including recent economic events, leading economic indicators, internal and third-party economist views, and industry trends. For more information on the Corporation's credit loss accounting policies including the allowance for credit losses, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

The September 30, 2021 estimate for allowance for credit losses was based on various economic outlooks that included consensus estimates, a downside scenario that assumed a significantly longer period until economic recovery, a tail risk scenario similar to the severely adverse scenario used in stress testing, a scenario to account for inflationary risk and higher interest rates and an upside scenario to consider the potential for improvement in the consensus outlooks. The weighted economic outlook assumes that the U.S. unemployment rate will be just above five percent by the fourth quarters of 2022 and 2023, which includes the impacts of the downside scenarios noted above. Additionally, in this economic outlook, U.S. gross domestic product is forecasted to grow at 1.8 percent and 1.9 percent year-over-year in the fourth quarters of 2022 and 2023. The allowance for credit losses considered the impact of enacted government stimulus measures and continued to factor in the uncertainty resulting from the

unprecedented nature of the current health crisis and risks that may prevent a full economic recovery.

While there has been improvement across the economy, the Corporation continues to factor into its allowance for credit losses an estimated impact from higher-risk segments that included leveraged loans and industries such as travel and entertainment, which have been adversely impacted by the effects of the pandemic.

The allowance for credit losses at September 30, 2021 was \$14.7 billion, a decrease of \$6.0 billion compared to December 31, 2020. The decrease in the allowance for credit losses was primarily driven by improvements in the macroeconomic outlook and credit quality. The change in the allowance for credit losses was comprised of a net decrease of \$5.6 billion in the allowance for loan and lease losses and a \$340 million decrease in the reserve for unfunded lending commitments. The decrease in the allowance for credit losses was attributed to \$342 million in the consumer real estate portfolio, \$2.6 billion in the credit card and other consumer portfolio, and \$3.1 billion in the commercial portfolio. Similarly, the provision for credit losses improved \$2.0 billion to a benefit of \$624 million and \$15.4 billion to a benefit of \$4.1 billion for the three and nine months ended September 30, 2021 compared to the same periods in 2020. The benefit in the three-month period was primarily due to credit quality improvements. The benefit in the nine-month period was primarily driven by improvements in the macroeconomic outlook and credit quality.

Outstanding loans and leases excluding loans accounted for under the fair value option decreased \$1.0 billion in the nine months ended September 30, 2021 driven by consumer loans, which decreased \$5.2 billion primarily due to a decline in consumer real estate due to prepayments in a low rate environment. However, outstanding commercial loans and leases, excluding small business, increased \$17.9 billion during the nine months ended September 30, 2021, primarily driven by *Global Markets*.

The changes in the allowance for credit losses, including net charge-offs and provision for loan and lease losses, are detailed in the following table.

	Consumer Real Estate	Credit Card and Other Consumer	Commercial	Total
(Dollars in millions)				
Three Months Ended September 30, 2021				
Allowance for loan and lease losses, July 1	\$ 597	\$ 6,835	\$ 6,663	\$ 14,095
Loans and leases charged off	(15)	(626)	(165)	(806)
Recoveries of loans and leases previously charged off	56	256	31	343
Net charge-offs	41	(370)	(134)	(463)
Provision for loan and lease losses	(85)	175	(565)	(475)
Other	2	(1)	(3)	(2)
Allowance for loan and lease losses, September 30	555	6,639	5,961	13,155
Reserve for unfunded lending commitments, July 1	107	—	1,580	1,687
Provision for unfunded lending commitments	(9)	—	(140)	(149)
Reserve for unfunded lending commitments, September 30	98	—	1,440	1,538
Allowance for credit losses, September 30	\$ 653	\$ 6,639	\$ 7,401	\$ 14,693
Three Months Ended September 30, 2020				
Allowance for loan and lease losses, July 1	\$ 833	\$ 10,122	\$ 8,434	\$ 19,389
Loans and leases charged off	(13)	(810)	(470)	(1,293)
Recoveries of loans and leases previously charged off	39	220	62	321
Net charge-offs	26	(590)	(408)	(972)
Provision for loan and lease losses	(6)	304	882	1,180
Other	2	—	(3)	(1)
Allowance for loan and lease losses, September 30	855	9,836	8,905	19,596
Reserve for unfunded lending commitments, July 1	141	—	1,561	1,702
Provision for unfunded lending commitments	(3)	—	212	209
Other	—	—	(1)	(1)
Reserve for unfunded lending commitments, September 30	138	—	1,772	1,910
Allowance for credit losses, September 30	\$ 993	\$ 9,836	\$ 10,677	\$ 21,506
(Dollars in millions)				
Nine Months Ended September 30, 2021				
Allowance for loan and lease losses, January 1	\$ 858	\$ 9,213	\$ 8,731	\$ 18,802
Loans and leases charged off	(60)	(2,402)	(591)	(3,053)
Recoveries of loans and leases previously charged off	170	757	245	1,172
Net charge-offs	110	(1,645)	(346)	(1,881)
Provision for loan and lease losses	(414)	(929)	(2,423)	(3,766)
Other	1	—	(1)	—
Allowance for loan and lease losses, September 30	555	6,639	5,961	13,155
Reserve for unfunded lending commitments, January 1	137	—	1,741	1,878
Provision for unfunded lending commitments	(39)	—	(300)	(339)
Other	—	—	(1)	(1)
Reserve for unfunded lending commitments, September 30	98	—	1,440	1,538
Allowance for credit losses, September 30	\$ 653	\$ 6,639	\$ 7,401	\$ 14,693
Nine Months Ended September 30, 2020				
Allowance for loan and lease losses, January 1	\$ 440	\$ 7,430	\$ 4,488	\$ 12,358
Loans and leases charged off	(75)	(2,916)	(1,199)	(4,190)
Recoveries of loans and leases previously charged off	147	674	129	950
Net charge-offs	72	(2,242)	(1,070)	(3,240)
Provision for loan and lease losses	336	4,648	5,496	10,480
Other	7	—	(9)	(2)
Allowance for loan and lease losses, September 30	855	9,836	8,905	19,596
Reserve for unfunded lending commitments, January 1	119	—	1,004	1,123
Provision for unfunded lending commitments	19	—	768	787
Reserve for unfunded lending commitments, September 30	138	—	1,772	1,910
Allowance for credit losses, September 30	\$ 993	\$ 9,836	\$ 10,677	\$ 21,506

NOTE 6 Securitizations and Other Variable Interest Entities

The Corporation utilizes VIEs in the ordinary course of business to support its own and its customers' financing and investing needs. The tables in this Note present the assets and liabilities of consolidated and unconsolidated VIEs at September 30, 2021 and December 31, 2020 in situations where the Corporation has continuing involvement with transferred assets or if the Corporation otherwise has a variable interest in the VIE. The tables also present the Corporation's maximum loss exposure at September 30, 2021 and December 31, 2020 resulting from its involvement with consolidated and

unconsolidated VIEs in which the Corporation holds a variable interest. For more information on the Corporation's use of VIEs and related maximum loss exposure, see *Note 1 – Summary of Significant Accounting Principles* and *Note 6 – Securitizations and Other Variable Interest Entities* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

The Corporation invests in ABS issued by third-party VIEs with which it has no other form of involvement and enters into certain commercial lending arrangements that may also incorporate the use of VIEs, for example to hold collateral. These securities and loans are included in *Note 4 – Securities* or *Note 5 – Outstanding Loans and Leases and Allowance for Credit*

Losses. In addition, the Corporation has used VIEs in connection with its funding activities.

The Corporation did not provide financial support to consolidated or unconsolidated VIEs during the nine months ended September 30, 2021 or the year ended December 31, 2020 that it was not previously contractually required to provide, nor does it intend to do so.

The Corporation had liquidity commitments, including written put options and collateral value guarantees, with certain unconsolidated VIEs of \$968 million and \$929 million at September 30, 2021 and December 31, 2020.

First-lien Mortgage Securitizations

As part of its mortgage banking activities, the Corporation securitizes a portion of the first-lien residential mortgage loans it originates or purchases from third parties. Except as described in *Note 10 – Commitments and Contingencies*, the Corporation does not provide guarantees or recourse to the securitization trusts other than standard representations and warranties.

The table below summarizes select information related to first-lien mortgage securitizations for the three and nine months ended September 30, 2021 and 2020.

First-lien Mortgage Securitizations

(Dollars in millions)	Residential Mortgage - Agency				Commercial Mortgage			
	Three Months Ended September 30		Nine Months Ended September 30		Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020	2021	2020	2021	2020
Proceeds from loan sales ⁽¹⁾	\$ 2,153	\$ 1,698	\$ 5,047	\$ 14,625	\$ 3,122	\$ 945	\$ 5,961	\$ 3,237
Gains on securitizations ⁽²⁾	3	3	8	724	41	17	105	57
Repurchases from securitization trusts ⁽³⁾	156	68	512	363	—	—	—	—

⁽¹⁾ The Corporation transfers residential mortgage loans to securitizations sponsored primarily by the Government-sponsored enterprise (GSEs) or Government National Mortgage Association (GNMA) in the normal course of business and primarily receives RMBS in exchange. Substantially all of these securities are classified as Level 2 within the fair value hierarchy and are typically sold shortly after receipt.

⁽²⁾ A majority of the first-lien residential mortgage loans securitized are initially classified as LHFS and accounted for under the fair value option. Gains recognized on these LHFS prior to securitization, which totaled \$28 million and \$97 million, net of hedges, during the three and nine months ended September 30, 2021 compared to \$44 million and \$105 million for the same periods in 2020, are not included in the table above.

⁽³⁾ The Corporation may have the option to repurchase delinquent loans out of securitization trusts, which reduces the amount of servicing advances it is required to make. The Corporation may also repurchase loans from securitization trusts to perform modifications. Repurchased loans include FHA-insured mortgages collateralizing GNMA securities.

The Corporation recognizes consumer MSRs from the sale or securitization of consumer real estate loans. The unpaid principal balance of loans serviced for investors, including residential mortgage and home equity loans, totaled \$129.6 billion and \$172.5 billion at September 30, 2021 and 2020. Servicing fee and ancillary fee income on serviced loans was \$101 million and \$318 million during the three and nine months ended September 30, 2021 compared to \$101 million and \$353 million for the same periods in 2020. Servicing advances on serviced loans, including loans serviced for others and loans held for investment, were \$2.1 billion and \$2.2 billion at September 30, 2021 and December 31, 2020. For more information on MSRs, see *Note 14 – Fair Value Measurements*.

During the nine months ended September 30, 2020, the Corporation completed the sale of \$9.3 billion of consumer real estate loans through GNMA loan securitizations. As part of the securitizations, the Corporation retained \$8.4 billion of mortgage-backed securities, which are classified as debt securities carried at fair value on the Consolidated Balance Sheet. Total gains on loan sales of \$704 million were recorded in other income in the Consolidated Statement of Income.

The following table summarizes select information related to first-lien mortgage securitization trusts in which the Corporation held a variable interest at September 30, 2021 and December 31, 2020.

First-lien Mortgage VIEs

	Residential Mortgage									
	Agency		Prime		Non-agency Subprime		Alt-A		Commercial Mortgage	
	Sep 30 2021	December 31 2020	Sep 30 2021	December 31 2020	Sep 30 2021	December 31 2020	Sep 30 2021	December 31 2020	Sep 30 2021	December 31 2020
(Dollars in millions)										
Unconsolidated VIEs										
Maximum loss exposure ⁽¹⁾	\$ 12,308	\$ 13,477	\$ 219	\$ 250	\$ 992	\$ 1,031	\$ 51	\$ 46	\$ 1,343	\$ 1,169
On-balance sheet assets										
Senior securities:										
Trading account assets	\$ 230	\$ 152	\$ 18	\$ 2	\$ 26	\$ 8	\$ 20	\$ 12	\$ 53	\$ 60
Debt securities carried at fair value	5,738	7,588	80	103	638	676	30	33	—	—
Held-to-maturity securities	6,340	5,737	—	—	—	—	—	—	1,047	925
All other assets	—	—	6	6	26	26	1	1	68	50
Total retained positions	\$ 12,308	\$ 13,477	\$ 104	\$ 111	\$ 690	\$ 710	\$ 51	\$ 46	\$ 1,168	\$ 1,035
Principal balance outstanding ⁽²⁾	\$ 106,969	\$ 133,497	\$ 5,059	\$ 6,081	\$ 5,995	\$ 6,691	\$ 14,404	\$ 16,554	\$ 70,864	\$ 59,268
Consolidated VIEs										
Maximum loss exposure ⁽¹⁾	\$ 1,174	\$ 1,328	\$ 10	\$ 66	\$ 23	\$ 53	\$ —	\$ —	\$ —	\$ —
On-balance sheet assets										
Trading account assets	\$ 1,174	\$ 1,328	\$ 38	\$ 350	\$ 217	\$ 260	\$ —	\$ —	\$ —	\$ —
Total assets	\$ 1,174	\$ 1,328	\$ 38	\$ 350	\$ 217	\$ 260	\$ —	\$ —	\$ —	\$ —
Total liabilities	\$ —	\$ —	\$ 28	\$ 284	\$ 194	\$ 207	\$ —	\$ —	\$ —	\$ —

⁽¹⁾ Maximum loss exposure includes obligations under loss-sharing reinsurance and other arrangements for non-agency residential mortgage and commercial mortgage securitizations, but excludes the reserve for representations and warranties obligations and corporate guarantees and also excludes servicing advances and other servicing rights and obligations. For more information, see *Note 10 – Commitments and Contingencies* and *Note 14 – Fair Value Measurements*.

⁽²⁾ Principal balance outstanding includes loans where the Corporation was the transferor to securitization VIEs with which it has continuing involvement, which may include servicing the loans.

Other Asset-backed Securitizations

The table below summarizes select information related to home equity, credit card and other asset-backed VIEs in which the Corporation held a variable interest at September 30, 2021 and December 31, 2020.

Home Equity Loan, Credit Card and Other Asset-backed VIEs

	Home Equity ⁽¹⁾		Credit Card ⁽²⁾		Resecuritization Trusts		Municipal Bond Trusts	
	Sep 30 2021	December 31 2020	Sep 30 2021	December 31 2020	Sep 30 2021	December 31 2020	Sep 30 2021	December 31 2020
(Dollars in millions)								
Unconsolidated VIEs								
Maximum loss exposure	\$ 167	\$ 206	\$ —	\$ —	\$ 6,896	\$ 8,543	\$ 3,862	\$ 3,507
On-balance sheet assets								
Securities ⁽³⁾ :								
Trading account assets	\$ —	\$ —	\$ —	\$ —	\$ 1,306	\$ 948	\$ —	\$ —
Debt securities carried at fair value	1	2	—	—	2,087	2,727	—	—
Held-to-maturity securities	—	—	—	—	3,503	4,868	—	—
Total retained positions	\$ 1	\$ 2	\$ —	\$ —	\$ 6,896	\$ 8,543	\$ —	\$ —
Total assets of VIEs	\$ 455	\$ 609	\$ —	\$ —	\$ 16,665	\$ 17,250	\$ 4,417	\$ 4,042
Consolidated VIEs								
Maximum loss exposure	\$ 48	\$ 58	\$ 9,944	\$ 14,606	\$ 211	\$ 217	\$ 301	\$ 1,030
On-balance sheet assets								
Trading account assets	\$ —	\$ —	\$ —	\$ —	\$ 219	\$ 217	\$ 261	\$ 990
Loans and leases	168	218	14,139	21,310	—	—	—	—
Allowance for loan and lease losses	14	14	(1,005)	(1,704)	—	—	—	—
All other assets	3	4	67	1,289	—	—	40	40
Total assets	\$ 185	\$ 236	\$ 13,201	\$ 20,895	\$ 219	\$ 217	\$ 301	\$ 1,030
On-balance sheet liabilities								
Short-term borrowings	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 280	\$ 432
Long-term debt	138	178	3,247	6,273	8	—	—	—
All other liabilities	—	—	10	16	—	—	—	—
Total liabilities	\$ 138	\$ 178	\$ 3,257	\$ 6,289	\$ 8	\$ —	\$ 280	\$ 432

⁽¹⁾ For unconsolidated home equity loan VIEs, the maximum loss exposure includes outstanding trust certificates issued by trusts in rapid amortization, net of recorded reserves. For both consolidated and unconsolidated home equity loan VIEs, the maximum loss exposure excludes the reserve for representations and warranties obligations and corporate guarantees. For more information, see *Note 10 – Commitments and Contingencies*.

⁽²⁾ At September 30, 2021 and December 31, 2020, loans and leases in the consolidated credit card trust included \$3.0 billion and \$7.6 billion of seller's interest.

⁽³⁾ The retained senior securities were valued using quoted market prices or observable market inputs (Level 2 of the fair value hierarchy).

Home Equity Loans

The Corporation retains interests, primarily senior securities, in home equity securitization trusts to which it transferred home equity loans. In addition, the Corporation may be obligated to provide subordinate funding to the trusts during a rapid

amortization event. This obligation is included in the maximum loss exposure in the table above. The charges that will ultimately be recorded as a result of the rapid amortization events depend on the undrawn portion of the home equity lines of credit, performance of the loans, the amount of subsequent draws and the timing of related cash flows.

Credit Card Securitizations

The Corporation securitizes originated and purchased credit card loans. The Corporation's continuing involvement with the securitization trust includes servicing the receivables, retaining an undivided interest (seller's interest) in the receivables, and holding certain retained interests, including subordinate interests in accrued interest and fees on the securitized receivables and cash reserve accounts.

During the nine months ended September 30, 2021, there were \$1.0 billion of new senior debt securities issued to third-party investors from the credit card securitization trust. No new senior debt securities were issued to third-party investors from the credit card securitization trust during the nine months ended September 30, 2020.

At September 30, 2021 and December 31, 2020, the Corporation held subordinate securities issued by the credit card securitization trust with a notional principal amount of \$6.5 billion and \$6.8 billion. These securities serve as a form of credit enhancement to the senior debt securities and have a stated interest rate of zero percent. There were \$161 million of these subordinate securities issued by the credit card securitization trust during the nine months ended September 30, 2021. No subordinate securities were issued by the credit card securitization trust during the nine months ended September 30, 2020.

Resecuritization Trusts

The Corporation transfers securities, typically MBS, into resecuritization VIEs generally at the request of customers seeking securities with specific characteristics. Generally, there are no significant ongoing activities performed in a resecuritization trust, and no single investor has the unilateral ability to liquidate the trust.

The Corporation resecuritized \$5.9 billion and \$20.6 billion of securities during the three and nine months ended September 30, 2021 compared to \$8.3 billion and \$26.4 billion for the same periods in 2020. Securities transferred into resecuritization VIEs were measured at fair value with changes

in fair value recorded in market making and similar activities prior to the resecuritization and, accordingly, no gain or loss on sale was recorded. During the three and nine months ended September 30, 2021 and 2020, resecuritization proceeds included securities with an initial fair value of \$1.0 billion and \$1.6 billion compared to \$598 million and \$5.5 billion, of which substantially all of the securities in the current-year period were classified as trading account assets. All of the securities received as resecuritization proceeds during the three months ended September 30, 2020 were classified as trading account assets. Of the securities received as resecuritization proceeds during the nine months ended September 30, 2020, \$1.8 billion, \$2.1 billion and \$1.7 billion were classified as trading account assets, debt securities carried at fair value and HTM securities, respectively. Substantially all of the trading account securities carried at fair value were categorized as Level 2 within the fair value hierarchy.

Municipal Bond Trusts

The Corporation administers municipal bond trusts that hold highly-rated, long-term, fixed-rate municipal bonds. The trusts obtain financing by issuing floating-rate trust certificates that reprice on a weekly or other short-term basis to third-party investors.

The Corporation's liquidity commitments to unconsolidated municipal bond trusts, including those for which the Corporation was transferor, totaled \$3.9 billion and \$3.5 billion at September 30, 2021 and December 31, 2020. The weighted-average remaining life of bonds held in the trusts at September 30, 2021 was 6.4 years. There were no significant write-downs or downgrades of assets or issuers during the nine months ended September 30, 2021 and 2020.

Other Variable Interest Entities

The table below summarizes select information related to other VIEs in which the Corporation held a variable interest at September 30, 2021 and December 31, 2020.

Other VIEs

	Consolidated		Unconsolidated		Total		Consolidated		Unconsolidated		Total	
(Dollars in millions)	September 30, 2021						December 31, 2020					
Maximum loss exposure	\$	4,831	\$	25,409	\$	30,240	\$	4,106	\$	23,870	\$	27,976
On-balance sheet assets												
Trading account assets	\$	2,523	\$	577	\$	3,100	\$	2,080	\$	623	\$	2,703
Debt securities carried at fair value		—		7		7		—		9		9
Loans and leases		2,550		39		2,589		2,108		184		2,292
Allowance for loan and lease losses		(3)		(5)		(8)		(3)		(3)		(6)
All other assets		26		24,302		24,328		54		22,553		22,607
Total	\$	5,096	\$	24,920	\$	30,016	\$	4,239	\$	23,366	\$	27,605
On-balance sheet liabilities												
Short-term borrowings	\$	50	\$	—	\$	50	\$	22	\$	—	\$	22
Long-term debt		215		—		215		111		—		111
All other liabilities		—		6,109		6,109		—		5,658		5,658
Total	\$	265	\$	6,109	\$	6,374	\$	133	\$	5,658	\$	5,791
Total assets of VIEs	\$	5,096	\$	86,035	\$	91,131	\$	4,239	\$	77,984	\$	82,223

Customer VIEs

Customer VIEs include credit-linked, equity-linked and commodity-linked note VIEs, repackaging VIEs and asset acquisition VIEs, which are typically created on behalf of customers who wish to obtain market or credit exposure to a specific company, index, commodity or financial instrument.

The Corporation's maximum loss exposure to consolidated and unconsolidated customer VIEs totaled \$2.8 billion and \$2.3 billion at September 30, 2021 and December 31, 2020, including the notional amount of derivatives to which the Corporation is a counterparty, net of losses previously recorded, and the Corporation's investment, if any, in securities issued by the VIEs.

Collateralized Debt Obligation VIEs

The Corporation receives fees for structuring CDO VIEs, which hold diversified pools of fixed-income securities, typically corporate debt or ABS, which the CDO VIEs fund by issuing multiple tranches of debt and equity securities. CDOs are generally managed by third-party portfolio managers. The Corporation typically transfers assets to these CDOs, holds securities issued by the CDOs and may be a derivative counterparty to the CDOs. The Corporation's maximum loss exposure to consolidated and unconsolidated CDOs totaled \$258 million and \$298 million at September 30, 2021 and December 31, 2020.

Investment VIEs

The Corporation sponsors, invests in or provides financing, which may be in connection with the sale of assets, to a variety of investment VIEs that hold loans, real estate, debt securities or other financial instruments and are designed to provide the desired investment profile to investors or the Corporation. At September 30, 2021 and December 31, 2020, the Corporation's consolidated investment VIEs had total assets of \$1.0 billion and \$494 million. The Corporation also held investments in unconsolidated VIEs with total assets of \$6.6 billion and \$5.4 billion at September 30, 2021 and December 31, 2020. The Corporation's maximum loss exposure associated with both consolidated and unconsolidated investment VIEs totaled \$2.0 billion and \$1.5 billion at September 30, 2021 and December 31, 2020 comprised primarily of on-balance sheet assets less non-recourse liabilities.

Leveraged Lease Trusts

The Corporation's net investment in consolidated leveraged lease trusts totaled \$1.5 billion and \$1.7 billion at September 30, 2021 and December 31, 2020. The trusts hold long-lived equipment such as rail cars, power generation and distribution equipment, and commercial aircraft. The Corporation structures the trusts and holds a significant residual interest. The net investment represents the Corporation's maximum loss exposure to the trusts in the unlikely event that the leveraged lease investments become worthless. Debt issued by the leveraged lease trusts is non-recourse to the Corporation.

Tax Credit VIEs

The Corporation holds investments in unconsolidated limited partnerships and similar entities that construct, own and operate affordable housing, wind and solar projects. An unrelated third party is typically the general partner or managing member and has control over the significant activities of the VIE. The Corporation earns a return primarily through the receipt of tax credits allocated to the projects. The maximum loss exposure included in the Other VIEs table was \$23.5 billion and \$22.0 billion at September 30, 2021 and December 31, 2020. The Corporation's risk of loss is generally mitigated by policies requiring that the project qualify for the expected tax credits prior to making its investment.

The Corporation's investments in affordable housing partnerships, which are reported in other assets on the Consolidated Balance Sheet, totaled \$11.7 billion and \$11.2 billion, including unfunded commitments to provide capital contributions of \$5.3 billion and \$5.0 billion, at September 30, 2021 and December 31, 2020. The unfunded commitments are

expected to be paid over the next five years. The Corporation recognized tax credits and other tax benefits from investments in affordable housing partnerships of \$350 million and \$1.1 billion and reported pretax losses in other income of \$282 million and \$837 million for the three and nine months ended September 30, 2021. For the same periods in 2020, the Corporation recognized tax credits and other tax benefits of \$376 million and \$986 million and reported pretax losses in other income of \$272 million and \$799 million. These tax credits are recognized as part of the Corporation's annual effective tax rate used to determine tax expense in a given quarter. The Corporation may be asked to invest additional amounts to support a troubled affordable housing project. Such additional investments have not been and are not expected to be significant.

NOTE 7 Goodwill and Intangible Assets

Goodwill

The table below presents goodwill balances by business segment at September 30, 2021 and December 31, 2020. The reporting units utilized for goodwill impairment testing are the operating segments or one level below.

Goodwill

	September 30 2021	December 31 2020
(Dollars in millions)		
Consumer Banking	\$ 30,137	\$ 30,123
Global Wealth & Investment Management	9,677	9,677
Global Banking ⁽¹⁾	24,027	23,969
Global Markets	5,182	5,182
Total goodwill	\$ 69,023	\$ 68,951

⁽¹⁾ Prior period has been revised to conform to current-period presentation.

Intangible Assets

At both September 30, 2021 and December 31, 2020, the net carrying value of intangible assets was \$2.2 billion. At both September 30, 2021 and December 31, 2020, intangible assets included \$1.6 billion of intangible assets associated with trade names, substantially all of which had an indefinite life and, accordingly, are not being amortized. Amortization of intangibles expense was \$19 million and \$56 million for the three and nine months ended September 30, 2021 compared to \$30 million and \$62 million for the same periods in 2020.

NOTE 8 Leases

The Corporation enters into both lessor and lessee arrangements. For more information on lease accounting, see *Note 1 – Summary of Significant Accounting Principles* and *Note 8 – Leases* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K. For more information on lease financing receivables, see *Note 5 – Outstanding Loans and Leases and Allowance for Credit Losses*.

Lessor Arrangements

The Corporation's lessor arrangements primarily consist of operating, sales-type and direct financing leases for equipment. Lease agreements may include options to renew and for the lessee to purchase the leased equipment at the end of the lease term.

The table below presents the net investment in sales-type and direct financing leases at September 30, 2021 and December 31, 2020.

Net Investment ⁽¹⁾

	September 30 2021	December 31 2020
(Dollars in millions)		
Lease receivables	\$ 16,458	\$ 17,627
Unguaranteed residuals	2,137	2,303
Total net investment in sales-type and direct financing leases	\$ 18,595	\$ 19,930

⁽¹⁾ In certain cases, the Corporation obtains third-party residual value insurance to reduce its residual asset risk. The carrying value of residual assets with third-party residual value insurance for at least a portion of the asset value was \$7.2 billion and \$6.9 billion at September 30, 2021 and December 31, 2020.

The table below presents lease income for the three and nine months ended September 30, 2021 and 2020.

Lease Income

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Sales-type and direct financing leases	\$ 152	\$ 167	\$ 468	\$ 539
Operating leases	235	224	689	703
Total lease income	\$ 387	\$ 391	\$ 1,157	\$ 1,242

Lessee Arrangements

The Corporation's lessee arrangements predominantly consist of operating leases for premises and equipment; the Corporation's financing leases are not significant.

The table below provides information on the right-of-use assets and lease liabilities at September 30, 2021 and December 31, 2020.

Lessee Arrangements

	September 30 2021	December 31 2020
(Dollars in millions)		
Right-of-use asset	\$ 10,091	\$ 10,000
Lease liabilities	10,707	10,474

NOTE 9 Federal Funds Sold or Purchased, Securities Financing Agreements, Short-term Borrowings and Restricted Cash

The table below presents federal funds sold or purchased, securities financing agreements (which include securities borrowed or purchased under agreements to resell and securities loaned or sold under agreements to repurchase) and short-term borrowings. The Corporation elects to account for certain securities financing agreements and short-term borrowings under the fair value option. For more information on the fair value option, see *Note 15 – Fair Value Option*.

	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate
	Three Months Ended September 30		Three Months Ended September 30		Nine Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020	2021	2020	2021	2020
(Dollars in millions)								
Federal funds sold and securities borrowed or purchased under agreements to resell								
Average during period	\$ 270,094	0.01 %	\$ 384,221	0.06 %	\$ 263,581	(0.02) %	\$ 325,356	0.37 %
Maximum month-end balance during period	278,684	n/a	420,830	n/a	278,684	n/a	451,179	n/a
Federal funds purchased and securities loaned or sold under agreements to repurchase								
Average during period	\$ 220,741	0.29 %	\$ 192,376	0.41 %	\$ 212,214	0.26 %	\$ 193,029	0.81 %
Maximum month-end balance during period	217,825	n/a	195,028	n/a	218,628	n/a	206,493	n/a
Short-term borrowings								
Average during period	20,862	(0.19)	17,770	0.08	20,714	(0.14)	23,347	0.68
Maximum month-end balance during period	21,293	n/a	19,530	n/a	23,333	n/a	30,118	n/a

n/a = not applicable

Offsetting of Securities Financing Agreements

The Corporation enters into securities financing agreements to accommodate customers (also referred to as "matched-book transactions"), obtain securities to cover short positions and finance inventory positions. For more information on the securities financing agreements and the offsetting of securities financing transactions, see *Note 10 – Federal Funds Sold or Purchased, Securities Financing Agreements, Short-term Borrowings and Restricted Cash* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

The Securities Financing Agreements table presents securities financing agreements included on the Consolidated Balance Sheet in federal funds sold and securities borrowed or purchased under agreements to resell, and in federal funds purchased and securities loaned or sold under agreements to repurchase at September 30, 2021 and December 31, 2020. Balances are presented on a gross basis, prior to the application of counterparty netting. Gross assets and liabilities are adjusted on an aggregate basis to take into consideration the effects of legally enforceable master netting agreements. For more information on the offsetting of derivatives, see *Note 3 – Derivatives*.

Securities Financing Agreements

	Gross Assets/Liabilities ⁽¹⁾	Amounts Offset	Net Balance Sheet Amount	Financial Instruments ⁽²⁾	Net Assets/Liabilities
(Dollars in millions)					
			September 30, 2021		
Securities borrowed or purchased under agreements to resell ⁽³⁾	\$ 533,965	\$ (272,031)	\$ 261,934	\$ (240,436)	\$ 21,498
Securities loaned or sold under agreements to repurchase	\$ 479,459	\$ (272,031)	\$ 207,428	\$ (195,260)	\$ 12,168
Other ⁽⁴⁾	10,167	—	10,167	(10,167)	—
Total	\$ 489,626	\$ (272,031)	\$ 217,595	\$ (205,427)	\$ 12,168
			December 31, 2020		
Securities borrowed or purchased under agreements to resell ⁽³⁾	\$ 492,387	\$ (188,329)	\$ 304,058	\$ (272,351)	\$ 31,707
Securities loaned or sold under agreements to repurchase	\$ 358,652	\$ (188,329)	\$ 170,323	\$ (158,867)	\$ 11,456
Other ⁽⁴⁾	16,210	—	16,210	(16,210)	—
Total	\$ 374,862	\$ (188,329)	\$ 186,533	\$ (175,077)	\$ 11,456

⁽¹⁾ Includes activity where uncertainty exists as to the enforceability of certain master netting agreements under bankruptcy laws in some countries or industries.

⁽²⁾ Includes securities collateral received or pledged under repurchase or securities lending agreements where there is a legally enforceable master netting agreement. These amounts are not offset on the Consolidated Balance Sheet, but are shown as a reduction to derive a net asset or liability. Securities collateral received or pledged where the legal enforceability of the master netting agreements is uncertain is excluded from the table.

⁽³⁾ Excludes repurchase activity of \$18.8 billion and \$14.7 billion reported in loans and leases on the Consolidated Balance Sheet at September 30, 2021 and December 31, 2020.

⁽⁴⁾ Balance is reported in accrued expenses and other liabilities on the Consolidated Balance Sheet and relates to transactions where the Corporation acts as the lender in a securities lending agreement and receives securities that can be pledged as collateral or sold. In these transactions, the Corporation recognizes an asset at fair value, representing the securities received, and a liability, representing the obligation to return those securities.

Repurchase Agreements and Securities Loaned Transactions Accounted for as Secured Borrowings

The following tables present securities sold under agreements to repurchase and securities loaned by remaining contractual term to maturity and class of collateral pledged. Included in "Other" are transactions where the Corporation acts as the lender in a securities lending agreement and receives securities that can be pledged as collateral or sold. Certain agreements contain a right to substitute collateral and/or terminate the

agreement prior to maturity at the option of the Corporation or the counterparty. Such agreements are included in the table below based on the remaining contractual term to maturity. For more information on collateral requirements, see *Note 10 – Federal Funds Sold or Purchased, Securities Financing Agreements, Short-term Borrowings and Restricted Cash* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Remaining Contractual Maturity

	Overnight and Continuous	30 Days or Less	After 30 Days Through 90 Days	Greater than 90 Days ⁽¹⁾	Total
(Dollars in millions)					
			September 30, 2021		
Securities sold under agreements to repurchase	\$ 211,770	\$ 142,591	\$ 32,455	\$ 42,678	\$ 429,494
Securities loaned	43,780	87	428	5,670	49,965
Other	10,167	—	—	—	10,167
Total	\$ 265,717	\$ 142,678	\$ 32,883	\$ 48,348	\$ 489,626
			December 31, 2020		
Securities sold under agreements to repurchase	\$ 158,400	\$ 122,448	\$ 32,149	\$ 22,684	\$ 335,681
Securities loaned	19,140	271	1,029	2,531	22,971
Other	16,210	—	—	—	16,210
Total	\$ 193,750	\$ 122,719	\$ 33,178	\$ 25,215	\$ 374,862

⁽¹⁾ No agreements have maturities greater than three years.

Class of Collateral Pledged

	Securities Sold Under Agreements to Repurchase	Securities Loaned	Other	Total
(Dollars in millions)				
	September 30, 2021			
U.S. government and agency securities	\$ 223,197	\$ —	\$ —	\$ 223,197
Corporate securities, trading loans and other	13,003	2,809	1,053	16,865
Equity securities	22,221	47,016	9,060	78,297
Non-U.S. sovereign debt	166,678	140	54	166,872
Mortgage trading loans and ABS	4,395	—	—	4,395
Total	\$ 429,494	\$ 49,965	\$ 10,167	\$ 489,626
	December 31, 2020			
U.S. government and agency securities	\$ 195,167	\$ 5	\$ —	\$ 195,172
Corporate securities, trading loans and other	8,633	1,628	1,217	11,478
Equity securities	14,752	21,125	14,931	50,808
Non-U.S. sovereign debt	113,142	213	62	113,417
Mortgage trading loans and ABS	3,987	—	—	3,987
Total	\$ 335,681	\$ 22,971	\$ 16,210	\$ 374,862

Restricted Cash

At September 30, 2021 and December 31, 2020, the Corporation held restricted cash included within cash and cash equivalents on the Consolidated Balance Sheet of \$5.6 billion and \$7.0 billion, predominantly related to cash segregated in compliance with securities regulations and cash held on deposit with central banks to meet reserve requirements.

NOTE 10 Commitments and Contingencies

In the normal course of business, the Corporation enters into a number of off-balance sheet commitments. These commitments expose the Corporation to varying degrees of credit and market risk and are subject to the same credit and market risk limitation reviews as those instruments recorded on the Consolidated Balance Sheet. For more information on commitments and contingencies, see *Note 12 – Commitments and Contingencies* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Credit Extension Commitments

The Corporation enters into commitments to extend credit such as loan commitments, standby letters of credit (SBLCs) and commercial letters of credit to meet the financing needs of its customers. The following table includes the notional amount of unfunded legally binding lending commitments net of amounts

distributed (i.e., syndicated or participated) to other financial institutions. The distributed amounts were \$10.3 billion and \$10.5 billion at September 30, 2021 and December 31, 2020. The carrying value of these commitments at September 30, 2021 and December 31, 2020, excluding commitments accounted for under the fair value option, was \$1.5 billion and \$1.9 billion, which predominantly related to the reserve for unfunded lending commitments. The carrying value of these commitments is classified in accrued expenses and other liabilities on the Consolidated Balance Sheet.

Legally binding commitments to extend credit generally have specified rates and maturities. Certain of these commitments have adverse change clauses that help to protect the Corporation against deterioration in the borrower's ability to pay.

The following table includes the notional amount of commitments of \$4.9 billion and \$4.0 billion at September 30, 2021 and December 31, 2020 that are accounted for under the fair value option. However, the table excludes the cumulative net fair value for these commitments of \$95 million and \$99 million at September 30, 2021 and December 31, 2020, which is classified in accrued expenses and other liabilities. For more information regarding the Corporation's loan commitments accounted for under the fair value option, see *Note 15 – Fair Value Option*.

Credit Extension Commitments

	Expire in One Year or Less	Expire After One Year Through Three Years	Expire After Three Years Through Five Years	Expire After Five Years	Total
(Dollars in millions)					
September 30, 2021					
Notional amount of credit extension commitments					
Loan commitments ⁽¹⁾	\$ 105,772	\$ 196,782	\$ 162,919	\$ 32,030	\$ 497,503
Home equity lines of credit	841	4,439	10,237	25,257	40,774
Standby letters of credit and financial guarantees ⁽²⁾	21,850	11,127	1,689	424	35,090
Letters of credit	1,574	162	32	43	1,811
Legally binding commitments	130,037	212,510	174,877	57,754	575,178
Credit card lines ⁽³⁾	402,382	—	—	—	402,382
Total credit extension commitments	\$ 532,419	\$ 212,510	\$ 174,877	\$ 57,754	\$ 977,560
December 31, 2020					
Notional amount of credit extension commitments					
Loan commitments ⁽¹⁾	\$ 109,406	\$ 171,887	\$ 139,508	\$ 16,091	\$ 436,892
Home equity lines of credit	710	2,992	8,738	29,892	42,332
Standby letters of credit and financial guarantees ⁽²⁾	19,962	12,038	2,397	1,257	35,654
Letters of credit	886	197	25	27	1,135
Legally binding commitments	130,964	187,114	150,668	47,267	516,013
Credit card lines ⁽³⁾	384,955	—	—	—	384,955
Total credit extension commitments	\$ 515,919	\$ 187,114	\$ 150,668	\$ 47,267	\$ 900,968

⁽¹⁾ At September 30, 2021 and December 31, 2020, \$5.4 billion and \$1.8 billion of these loan commitments were held in the form of a security.

⁽²⁾ The notional amounts of SBLCs and financial guarantees classified as investment grade and non-investment grade based on the credit quality of the underlying reference name within the instrument were \$5.7 billion and \$8.9 billion at September 30, 2021, and \$25.0 billion and \$10.2 billion at December 31, 2020. Amounts in the table include consumer SBLCs of \$95 million and \$500 million at September 30, 2021 and December 31, 2020.

⁽³⁾ Includes business card unused lines of credit.

Other Commitments

At September 30, 2021 and December 31, 2020, the Corporation had commitments to purchase loans (e.g., residential mortgage and commercial real estate) of \$102 million and \$93 million, which upon settlement will be included in trading account assets, loans or LHFS, and commitments to purchase commercial loans of \$484 million and \$645 million, which upon settlement will be included in trading account assets.

At September 30, 2021 and December 31, 2020, the Corporation had commitments to purchase commodities, primarily liquefied natural gas, of \$1.1 billion and \$582 million, which upon settlement will be included in trading account assets.

At September 30, 2021 and December 31, 2020, the Corporation had commitments to enter into resale and forward-dated resale and securities borrowing agreements of \$129.9 billion and \$66.5 billion, and commitments to enter into forward-dated repurchase and securities lending agreements of \$68.9 billion and \$32.1 billion. These commitments generally expire within the next 12 months.

At September 30, 2021 and December 31, 2020, the Corporation had a commitment to originate or purchase up to \$4.0 billion and \$3.9 billion on a rolling 12-month basis, of auto loans and leases from a strategic partner. This commitment extends through November 2022 and can be terminated with 12 months prior notice.

At September 30, 2021 and December 31, 2020, the Corporation had unfunded equity investment commitments of \$392 million and \$213 million.

Other Guarantees

Bank-owned Life Insurance Book Value Protection

The Corporation sells products that offer book value protection to insurance carriers who offer group life insurance policies to corporations, primarily banks. At September 30, 2021 and December 31, 2020, the notional amount of these guarantees

totalled \$6.3 billion and \$7.1 billion. At September 30, 2021 and December 31, 2020, the Corporation's maximum exposure related to these guarantees totalled \$927 million and \$1.1 billion, with estimated maturity dates between 2033 and 2039.

Merchant Services

The Corporation in its role as merchant acquirer or as a sponsor of other merchant acquirers may be held liable for any reversed charges that cannot be collected from the merchants, due to, among other things, merchant fraud or insolvency. If charges are properly reversed after a purchase and cannot be collected from either the merchants or merchant acquirers, the Corporation may be held liable for these reversed charges. The ability to reverse a charge is primarily governed by the applicable regulatory and card network rules, which include, but are not limited to, the type of charge, type of payment used and time limits. The total amount of transactions processed for the preceding six-month period, which was \$450.7 billion, is an estimate of the Corporation's maximum potential exposure as of September 30, 2021. The Corporation's risk in this area primarily relates to circumstances where a cardholder has purchased goods or services for future delivery. The Corporation mitigates this risk by requiring cash deposits, guarantees, letters of credit or other types of collateral from certain merchants. The Corporation's reserves for contingent losses and the losses incurred related to the merchant processing activity were not significant. The Corporation continues to monitor its exposure in this area due to the potential economic impacts of the pandemic.

Representations and Warranties Obligations and Corporate Guarantees

For more information on representations and warranties obligations and corporate guarantees, see *Note 12 – Commitments and Contingencies* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K

The reserve for representations and warranties obligations and corporate guarantees was \$1.2 billion and \$1.3 billion at September 30, 2021 and December 31, 2020 and is included in accrued expenses and other liabilities on the Consolidated Balance Sheet, and the related provision is included in other income in the Consolidated Statement of Income. The representations and warranties reserve represents the Corporation's best estimate of probable incurred losses, is based on its experience in previous negotiations, and is subject to judgment, a variety of assumptions, and known or unknown uncertainties. Future representations and warranties losses may occur in excess of the amounts recorded for these exposures; however, the Corporation does not expect such amounts to be material to the Corporation's financial condition and liquidity. See Litigation and Regulatory Matters below for the Corporation's combined range of possible loss in excess of the reserve for representations and warranties and the accrued liability for litigation.

Fixed Income Clearing Corporation Sponsored Member Repo Program

The Corporation acts as a sponsoring member in a repo program whereby the Corporation clears certain eligible resale and repurchase agreements through the Government Securities Division of the Fixed Income Clearing Corporation on behalf of clients that are sponsored members in accordance with the Fixed Income Clearing Corporation's rules. As part of this program, the Corporation guarantees the payment and performance of its sponsored members to the Fixed Income Clearing Corporation. The Corporation's guarantee obligation is secured by a security interest in cash or high-quality securities collateral placed by clients with the clearinghouse and therefore, the potential for the Corporation to incur significant losses under this arrangement is remote. The Corporation's maximum potential exposure, without taking into consideration the related collateral, was \$34.7 billion and \$22.5 billion at September 30, 2021 and December 31, 2020.

Other Guarantees

The Corporation has entered into additional guarantee agreements and commitments, including sold risk participation swaps, liquidity facilities, lease-end obligation agreements, partial credit guarantees on certain leases, real estate joint venture guarantees, divested business commitments and sold put options that require gross settlement. The maximum potential future payments under these agreements are approximately \$10.5 billion and \$8.8 billion at September 30, 2021 and December 31, 2020. The estimated maturity dates of these obligations extend up to 2049. The Corporation has made no material payments under these guarantees. For more information on maximum potential future payments under VIE-related liquidity commitments, see *Note 6 – Securitizations and Other Variable Interest Entities*.

In the normal course of business, the Corporation periodically guarantees the obligations of its affiliates in a variety of transactions including ISDA-related transactions and non-ISDA related transactions such as commodities trading, repurchase

agreements, prime brokerage agreements and other transactions.

Guarantees of Certain Long-term Debt

The Corporation, as the parent company, fully and unconditionally guarantees the securities issued by BofA Finance LLC, a consolidated finance subsidiary of the Corporation, and effectively provides for the full and unconditional guarantee of trust securities issued by certain statutory trust companies that are 100 percent owned finance subsidiaries of the Corporation.

Litigation and Regulatory Matters

The following disclosures supplement the disclosure in *Note 12 – Commitments and Contingencies* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K (the prior commitments and contingencies disclosure).

In the ordinary course of business, the Corporation and its subsidiaries are routinely defendants in or parties to many pending and threatened legal, regulatory and governmental actions and proceedings. In view of the inherent difficulty of predicting the outcome of such matters, particularly where the claimants seek very large or indeterminate damages or where the matters present novel legal theories or involve a large number of parties, the Corporation generally cannot predict the eventual outcome of the pending matters, timing of the ultimate resolution of these matters, or eventual loss, fines or penalties related to each pending matter.

As a matter develops, the Corporation, in conjunction with any outside counsel handling the matter, evaluates whether such matter presents a loss contingency that is probable and estimable, and, for the matters described below and the matters disclosed in the prior commitments and contingencies disclosure, whether a loss in excess of any accrued liability is reasonably possible in future periods. Once the loss contingency is deemed to be both probable and estimable, the Corporation will establish an accrued liability and record a corresponding amount of litigation-related expense. The Corporation continues to monitor the matter for further developments that could affect the amount of the accrued liability that has been previously established. Excluding expenses of internal and external legal service providers, litigation-related expense of \$66 million and \$155 million was recognized for the three and nine months ended September 30, 2021 compared to \$636 million and \$717 million for the same periods in 2020.

For any matter disclosed in this Note and in the prior commitments and contingencies disclosure, for which a loss in future periods is reasonably possible and estimable (whether in excess of an accrued liability or where there is no accrued liability) and for representations and warranties exposures, the Corporation's estimated range of possible loss is \$0 to \$1.1 billion in excess of the accrued liability, if any, as of September 30, 2021.

The accrued liability and estimated range of possible loss are based upon currently available information and subject to significant judgment, a variety of assumptions and known and

unknown uncertainties. The matters underlying the accrued liability and estimated range of possible loss are unpredictable and may change from time to time, and actual losses may vary significantly from the current estimate and accrual. The estimated range of possible loss does not represent the Corporation's maximum loss exposure.

Information is provided below, or in the prior commitments and contingencies disclosure regarding the nature of the litigation and, where specified, associated claimed damages. Based on current knowledge, and taking into account accrued liabilities, management does not believe that loss contingencies arising from pending matters, including the matters described below, and in the prior commitments and contingencies disclosure, will have a material adverse effect on the consolidated financial condition or liquidity of the Corporation. However, in light of the significant judgment, variety of assumptions and uncertainties involved in those matters, some of which are beyond the Corporation's control, and the very large or indeterminate damages sought in some of those matters, an adverse outcome in one or more of these matters could be material to the Corporation's business or results of operations for any particular reporting period, or cause significant reputational harm.

Ambac Bond Insurance Litigation

Ambac v. Countrywide I

On May 11, 2021, the First Department, a New York State appellate court, affirmed the dismissal of Ambac's fraudulent inducement claim.

LIBOR, Other Reference Rates, Foreign Exchange and Bond Trading Matters

On April 28, 2021, the European Commission concluded its investigation regarding trading by various financial institutions in sovereign, supranational, and agency bonds by issuing a fine in an amount not material to the Corporation.

On May 20, 2021, the European Commission concluded its investigation regarding trading by various financial institutions in European government bonds. Although it found that the respondent financial institutions violated European competition rules, it did not fine the Corporation because the conduct at issue occurred beyond the statute of limitations. On August 2, 2021, the Corporation filed an appeal seeking an annulment of the European Commission's decision as it relates to the Corporation.

NOTE 11 Shareholders' Equity Common Stock

Declared Quarterly Cash Dividends on Common Stock ⁽¹⁾

Declaration Date	Record Date	Payment Date	Dividend Per Share
October 20, 2021	December 3, 2021	December 31, 2021	\$ 0.21
July 21, 2021	September 3, 2021	September 24, 2021	0.21
April 22, 2021	June 4, 2021	June 25, 2021	0.18
January 19, 2021	March 5, 2021	March 26, 2021	0.18

⁽¹⁾ In 2021, and through October 29, 2021

During the three and nine months ended September 30, 2021, the Corporation repurchased and retired 248 million and 452 million shares of common stock, which reduced shareholders' equity by \$9.9 billion and \$17.6 billion.

During the nine months ended September 30, 2021, in connection with employee stock plans, the Corporation issued 66 million shares of its common stock and, to satisfy tax withholding obligations, repurchased 26 million shares of its common stock. At September 30, 2021, the Corporation had reserved 562 million unissued shares of common stock for future issuances under employee stock plans, convertible notes and preferred stock.

On October 20, 2021, the Board of Directors declared a quarterly common stock dividend of \$0.21 per share.

Preferred Stock

During the three months ended March 31, 2021, June 30, 2021 and September 30, 2021, the Corporation declared \$490 million, \$260 million and \$431 million of cash dividends on preferred stock, or a total of \$1.2 billion for the nine months ended September 30, 2021. For more information on the Corporation's preferred stock, including liquidation preference, dividend requirements and redemption period, see *Note 13 – Shareholders' Equity* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

On October 26, 2021, the Corporation issued 52,000 shares of 4.250% Non-Cumulative Preferred Stock, Series QQ for \$1.3 billion, with quarterly dividends commencing in February 2022. The Series QQ preferred stock has a liquidation preference of \$25,000 per share and is subject to certain restrictions in the event the Corporation fails to declare and pay full dividends.

NOTE 12 Accumulated Other Comprehensive Income (Loss)

The table below presents the changes in accumulated OCI after-tax for the nine months ended September 30, 2021 and 2020.

(Dollars in millions)	Debt Securities	Debit Valuation Adjustments	Derivatives	Employee Benefit Plans	Foreign Currency	Total
Balance, December 31, 2019	\$ 323	\$ (1,494)	\$ (400)	\$ (4,168)	\$ (894)	\$ (6,633)
Net change	4,794	(5)	808	144	(86)	5,655
Balance, September 30, 2020	\$ 5,117	\$ (1,499)	\$ 408	\$ (4,024)	\$ (980)	\$ (978)
Balance, December 31, 2020	\$ 5,122	\$ (1,992)	\$ 426	\$ (4,266)	\$ (946)	\$ (1,656)
Net change	(1,243)	292	(1,130)	170	(29)	(1,940)
Balance, September 30, 2021	\$ 3,879	\$ (1,700)	\$ (704)	\$ (4,096)	\$ (975)	\$ (3,596)

The following table presents the net change in fair value recorded in accumulated OCI, net realized gains and losses reclassified into earnings and other changes for each component of OCI pre- and after-tax for the nine months ended September 30, 2021 and 2020.

	Pretax	Tax effect	After-tax	Pretax	Tax effect	After-tax
	Nine Months Ended September 30					
	2021			2020		
(Dollars in millions)						
Debt securities:						
Net increase (decrease) in fair value	\$ (1,650)	\$ 410	\$ (1,240)	\$ 6,763	\$ (1,685)	\$ 5,078
Net realized gains reclassified into earnings ⁽¹⁾	(4)	1	(3)	(379)	95	(284)
Net change	(1,654)	411	(1,243)	6,384	(1,590)	4,794
Debit valuation adjustments:						
Net increase (decrease) in fair value	365	(82)	283	(13)	5	(8)
Net realized losses reclassified into earnings ⁽¹⁾	12	(3)	9	4	(1)	3
Net change	377	(85)	292	(9)	4	(5)
Derivatives:						
Net increase (decrease) in fair value	(1,339)	334	(1,005)	977	(238)	739
Reclassifications into earnings:						
Net interest income	(125)	30	(95)	96	(23)	73
Compensation and benefits expense	(40)	10	(30)	(5)	1	(4)
Net realized (gains) losses reclassified into earnings	(165)	40	(125)	91	(22)	69
Net change	(1,504)	374	(1,130)	1,068	(260)	808
Employee benefit plans:						
Net actuarial losses and other reclassified into earnings ⁽²⁾	209	(39)	170	191	(47)	144
Net change	209	(39)	170	191	(47)	144
Foreign currency:						
Net decrease in fair value	240	(269)	(29)	(29)	(57)	(86)
Net change	240	(269)	(29)	(29)	(57)	(86)
Total other comprehensive income (loss)	\$ (2,332)	\$ 392	\$ (1,940)	\$ 7,605	\$ (1,950)	\$ 5,655

⁽¹⁾ Reclassifications of pretax debt securities, DVA and foreign currency (gains) losses are recorded in other income in the Consolidated Statement of Income.

⁽²⁾ Reclassifications of pretax employee benefit plan costs are recorded in other general operating expense in the Consolidated Statement of Income.

NOTE 13 Earnings Per Common Share

The calculation of earnings per common share (EPS) and diluted EPS for the three and nine months ended September 30, 2021 and 2020 is presented below. For more information on the calculation of EPS, see *Note 1 – Summary of Significant Accounting Principles* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(In millions, except per share information)				
Earnings per common share				
Net income	\$ 7,691	\$ 4,881	\$ 24,965	\$ 12,424
Preferred stock dividends	(431)	(441)	(1,181)	(1,159)
Net income applicable to common shareholders	\$ 7,260	\$ 4,440	\$ 23,784	\$ 11,265
Average common shares issued and outstanding	8,430.7	8,732.9	8,583.1	8,762.6
Earnings per common share	\$ 0.86	\$ 0.51	\$ 2.77	\$ 1.29
Diluted earnings per common share				
Net income applicable to common shareholders	\$ 7,260	\$ 4,440	\$ 23,784	\$ 11,265
Add preferred stock dividends due to assumed conversions	—	—	168	—
Net income allocated to common shareholders	\$ 7,260	\$ 4,440	\$ 23,952	\$ 11,265
Average common shares issued and outstanding	8,430.7	8,732.9	8,583.1	8,762.6
Dilutive potential common shares ⁽¹⁾	62.1	44.6	119.1	37.9
Total diluted average common shares issued and outstanding	8,492.8	8,777.5	8,702.2	8,800.5
Diluted earnings per common share	\$ 0.85	\$ 0.51	\$ 2.75	\$ 1.28

⁽¹⁾ Includes incremental dilutive shares from preferred stock, restricted stock units, restricted stock and warrants.

For the nine months ended September 30, 2021, 62 million average dilutive potential common shares associated with the Series L preferred stock were included in the diluted share count under the "if-converted" method, whereas they were antidilutive for the three months ended September 30, 2021 and the three and nine months ended September 30, 2020.

NOTE 14 Fair Value Measurements

Under applicable accounting standards, fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly

transaction between market participants on the measurement date. The Corporation determines the fair values of its financial instruments under applicable accounting standards and conducts a review of fair value hierarchy classifications on a quarterly basis. Transfers into or out of fair value hierarchy classifications are made if the significant inputs used in the financial models measuring the fair values of the assets and liabilities become unobservable or observable in the current marketplace. During the nine months ended September 30, 2021, there were no changes to valuation approaches or techniques that had, or are expected to have, a material impact on the Corporation's consolidated financial position or results of operations.

For more information regarding the fair value hierarchy, how the Corporation measures fair value and valuation techniques, see *Note 1 – Summary of Significant Accounting Principles* and *Note 20 – Fair Value Measurements* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K. The Corporation accounts for certain financial instruments under the fair value option. For more information, see *Note 15 – Fair Value Option*.

Recurring Fair Value

Assets and liabilities carried at fair value on a recurring basis at September 30, 2021 and December 31, 2020, including financial instruments that the Corporation accounts for under the fair value option, are summarized in the following tables.

(Dollars in millions)	September 30, 2021					
	Fair Value Measurements			Netting Adjustments ⁽¹⁾	Assets/Liabilities at Fair Value	
	Level 1	Level 2	Level 3			
Assets						
Time deposits placed and other short-term investments	\$ 336	\$ —	\$ —	\$ —	\$ 336	
Federal funds sold and securities borrowed or purchased under agreements to resell	—	154,137	—	—	154,137	
Trading account assets:						
U.S. Treasury and government agencies	46,195	668	—	—	46,863	
Corporate securities, trading loans and other	—	36,895	1,634	—	38,529	
Equity securities	96,266	39,577	209	—	136,052	
Non-U.S. sovereign debt	9,763	23,176	399	—	33,338	
Mortgage trading loans, MBS and ABS:						
U.S. government-sponsored agency guaranteed	—	21,825	84	—	21,909	
Mortgage trading loans, ABS and other MBS	—	10,385	1,490	—	11,875	
Total trading account assets ⁽²⁾	152,224	132,526	3,816	—	288,566	
Derivative assets	17,376	330,477	3,827	(310,851)	40,829	
AFS debt securities:						
U.S. Treasury and government agencies	168,030	1,095	—	—	169,125	
Mortgage-backed securities:						
Agency	—	52,297	—	—	52,297	
Agency-collateralized mortgage obligations	—	3,776	—	—	3,776	
Non-agency residential	—	405	398	—	803	
Commercial	—	18,819	—	—	18,819	
Non-U.S. securities	—	12,283	10	—	12,293	
Other taxable securities	—	2,560	73	—	2,633	
Tax-exempt securities	—	15,559	53	—	15,612	
Total AFS debt securities	168,030	106,794	534	—	275,358	
Other debt securities carried at fair value:						
U.S. Treasury and government agencies	276	—	—	—	276	
Non-agency residential MBS	—	411	296	—	707	
Non-U.S. and other securities	3,851	5,185	—	—	9,036	
Total other debt securities carried at fair value	4,127	5,596	296	—	10,019	
Loans and leases	—	6,848	718	—	7,566	
Loans held-for-sale	—	3,642	340	—	3,982	
Other assets ⁽³⁾	6,659	2,628	1,744	—	11,031	
Total assets ⁽⁴⁾	\$ 348,752	\$ 742,648	\$ 11,275	\$ (310,851)	\$ 791,824	
Liabilities						
Interest-bearing deposits in U.S. offices	\$ —	\$ 542	\$ —	\$ —	\$ 542	
Federal funds purchased and securities loaned or sold under agreements to repurchase	—	155,151	—	—	155,151	
Trading account liabilities:						
U.S. Treasury and government agencies	20,967	1,105	—	—	22,072	
Equity securities	47,035	5,472	—	—	52,507	
Non-U.S. sovereign debt	17,766	10,511	—	—	28,277	
Corporate securities and other	—	9,350	11	—	9,361	
Total trading account liabilities	85,768	26,438	11	—	112,217	
Derivative liabilities	18,341	328,506	6,152	(314,937)	38,062	
Short-term borrowings	—	4,128	—	—	4,128	
Accrued expenses and other liabilities	7,471	2,790	—	—	10,261	
Long-term debt	—	27,570	1,126	—	28,696	
Total liabilities ⁽⁴⁾	\$ 111,580	\$ 545,125	\$ 7,289	\$ (314,937)	\$ 349,057	

⁽¹⁾ Amounts represent the impact of legally enforceable master netting agreements and also cash collateral held or placed with the same counterparties.

⁽²⁾ Includes securities with a fair value of \$10.8 billion that were segregated in compliance with securities regulations or deposited with clearing organizations. This amount is included in the parenthetical disclosure on the Consolidated Balance Sheet. Trading account assets also includes certain commodities inventory of \$1.6 billion that is accounted for at the lower of cost or net realizable value, which is the current selling price less any costs to sell.

⁽³⁾ Includes MSRs of \$940 million which are classified as Level 3 assets.

⁽⁴⁾ Total recurring Level 3 assets were 0.37 percent of total consolidated assets, and total recurring Level 3 liabilities were 0.26 percent of total consolidated liabilities.

	December 31, 2020					
	Fair Value Measurements					Assets/Liabilities at Fair Value
(Dollars in millions)	Level 1	Level 2	Level 3	Netting Adjustments ⁽¹⁾		
Assets						
Time deposits placed and other short-term investments	\$ 1,649	\$ —	\$ —	\$ —	\$ —	1,649
Federal funds sold and securities borrowed or purchased under agreements to resell	—	108,856	—	—	—	108,856
Trading account assets:						
U.S. Treasury and government agencies	45,219	3,051	—	—	—	48,270
Corporate securities, trading loans and other	—	22,817	1,359	—	—	24,176
Equity securities	36,372	31,372	227	—	—	67,971
Non-U.S. sovereign debt	5,753	20,884	354	—	—	26,991
Mortgage trading loans, MBS and ABS:						
U.S. government-sponsored agency guaranteed	—	21,566	75	—	—	21,641
Mortgage trading loans, ABS and other MBS	—	8,440	1,365	—	—	9,805
Total trading account assets ⁽²⁾	87,344	108,130	3,380	—	—	198,854
Derivative assets	15,624	416,175	2,751	(387,371)	—	47,179
AFS debt securities:						
U.S. Treasury and government agencies	115,266	1,114	—	—	—	116,380
Mortgage-backed securities:						
Agency	—	61,849	—	—	—	61,849
Agency-collateralized mortgage obligations	—	5,260	—	—	—	5,260
Non-agency residential	—	631	378	—	—	1,009
Commercial	—	16,491	—	—	—	16,491
Non-U.S. securities	—	13,999	18	—	—	14,017
Other taxable securities	—	2,640	71	—	—	2,711
Tax-exempt securities	—	16,598	176	—	—	16,774
Total AFS debt securities	115,266	118,582	643	—	—	234,491
Other debt securities carried at fair value:						
U.S. Treasury and government agencies	93	—	—	—	—	93
Non-agency residential MBS	—	506	267	—	—	773
Non-U.S. and other securities	2,619	8,625	—	—	—	11,244
Total other debt securities carried at fair value	2,712	9,131	267	—	—	12,110
Loans and leases	—	5,964	717	—	—	6,681
Loans held-for-sale	—	1,349	236	—	—	1,585
Other assets ⁽³⁾	9,898	3,850	1,970	—	—	15,718
Total assets ⁽⁴⁾	\$ 232,493	\$ 772,037	\$ 9,964	\$ (387,371)	\$	627,123
Liabilities						
Interest-bearing deposits in U.S. offices	\$ —	\$ 481	\$ —	\$ —	\$ —	481
Federal funds purchased and securities loaned or sold under agreements to repurchase	—	135,391	—	—	—	135,391
Trading account liabilities:						
U.S. Treasury and government agencies	9,425	139	—	—	—	9,564
Equity securities	38,189	4,235	—	—	—	42,424
Non-U.S. sovereign debt	5,853	8,043	—	—	—	13,896
Corporate securities and other	—	5,420	16	—	—	5,436
Total trading account liabilities	53,467	17,837	16	—	—	71,320
Derivative liabilities	14,907	412,881	6,219	(388,481)	—	45,526
Short-term borrowings	—	5,874	—	—	—	5,874
Accrued expenses and other liabilities	12,297	4,014	—	—	—	16,311
Long-term debt	—	31,036	1,164	—	—	32,200
Total liabilities ⁽⁵⁾	\$ 80,671	\$ 607,514	\$ 7,399	\$ (388,481)	\$	307,103

⁽¹⁾ Amounts represent the impact of legally enforceable master netting agreements and also cash collateral held or placed with the same counterparties.

⁽²⁾ Includes securities with a fair value of \$16.8 billion that were segregated in compliance with securities regulations or deposited with clearing organizations. This amount is included in the parenthetical disclosure on the Consolidated Balance Sheet. Trading account assets also includes certain commodities inventory of \$576 million that is accounted for at the lower of cost or net realizable value, which is the current selling price less any costs to sell.

⁽³⁾ Includes MSRs of \$1.0 billion which are classified as Level 3 assets.

⁽⁴⁾ Total recurring Level 3 assets were 0.35 percent of total consolidated assets, and total recurring Level 3 liabilities were 0.29 percent of total consolidated liabilities.

The following tables present a reconciliation of all assets and liabilities measured at fair value on a recurring basis using significant unobservable inputs (Level 3) during the three and nine months ended September 30, 2021 and 2020, including net realized and unrealized gains (losses) included in earnings and accumulated OCI. Transfers into Level 3 occur primarily due

to decreased price observability, and transfers out of Level 3 occur primarily due to increased price observability. Transfers occur on a regular basis for long-term debt instruments due to changes in the impact of unobservable inputs on the value of the embedded derivative in relation to the instrument as a whole.

Level 3 – Fair Value Measurements ⁽¹⁾

	Balance July 1	Total Realized/Unrealized Gains (Losses) in Net Income ⁽²⁾	Gains (Losses) in OCI ⁽³⁾	Purchases	Sales	Gross Issuances	Settlements	Gross Transfers into Level 3	Gross Transfers out of Level 3	Balance September 30	Change in Unrealized Gains (Losses) in Net Income Related to Financial Instruments Still Held ⁽²⁾
(Dollars in millions)											
Three Months Ended September 30, 2021											
Trading account assets:											
Corporate securities, trading loans and other	\$ 1,764	\$ (2)	\$ —	\$ 89	\$ (43)	\$ —	\$ (118)	\$ 239	\$ (295)	\$ 1,634	\$ (20)
Equity securities	260	(2)	—	18	(11)	—	—	20	(76)	209	(2)
Non-U.S. sovereign debt	414	4	(26)	16	—	—	(9)	—	—	399	4
Mortgage trading loans, MBS and ABS	1,498	(43)	—	97	(89)	—	(61)	180	(8)	1,574	(41)
Total trading account assets	3,936	(43)	(26)	220	(143)	—	(188)	439	(379)	3,816	(59)
Net derivative assets (liabilities) ⁽⁴⁾	(2,884)	564	—	124	(168)	—	23	173	(157)	(2,325)	512
AFS debt securities:											
Non-agency residential MBS	205	(1)	(2)	—	—	—	(12)	208	—	398	(4)
Non-U.S. securities	11	(3)	—	—	—	—	2	—	—	10	—
Other taxable securities	74	—	(1)	—	—	—	—	—	—	73	—
Tax-exempt securities	51	2	—	—	—	—	—	—	—	53	2
Total AFS debt securities	341	(2)	(3)	—	—	—	(10)	208	—	534	(2)
Other debt securities carried at fair value – Non-agency residential MBS	281	(2)	—	—	—	—	(9)	26	—	296	(2)
Loans and leases ^(5,6)	857	(59)	—	—	—	—	(67)	—	(13)	718	(59)
Loans held-for-sale ^(5,6)	263	13	(7)	94	(1)	—	(22)	—	—	340	10
Other assets ^(6,7)	1,775	15	(6)	1	1	51	(95)	2	—	1,744	49
Trading account liabilities – Corporate securities and other	(17)	6	—	—	—	—	—	—	—	(11)	(1)
Long-term debt ⁽⁵⁾	(1,060)	(65)	2	—	—	(9)	30	(25)	1	(1,126)	(65)
Three Months Ended September 30, 2020											
Trading account assets:											
Corporate securities, trading loans and other	\$ 1,548	\$ (20)	\$ —	\$ —	\$ (49)	\$ —	\$ (91)	\$ 136	\$ (54)	\$ 1,470	\$ (34)
Equity securities	194	8	—	4	(3)	—	—	7	(3)	207	3
Non-U.S. sovereign debt	248	7	(6)	1	(2)	—	(1)	83	(40)	290	6
Mortgage trading loans, MBS and ABS	1,736	2	—	36	(108)	11	(12)	167	(62)	1,770	10
Total trading account assets	3,726	(3)	(6)	41	(162)	11	(104)	393	(159)	3,737	(15)
Net derivative assets (liabilities) ⁽⁴⁾	(3,343)	228	—	39	(177)	—	(58)	3	(223)	(3,531)	196
AFS debt securities:											
Non-agency residential MBS	462	—	5	—	—	—	(10)	25	(42)	440	—
Non-U.S. securities	5	—	—	—	—	—	(1)	10	—	14	—
Other taxable securities	65	—	—	3	—	—	—	—	—	68	—
Tax-exempt securities	337	15	—	—	—	—	(167)	—	(5)	180	15
Total AFS debt securities	869	15	5	3	—	—	(178)	35	(47)	702	15
Other debt securities carried at fair value – Non-agency residential MBS	449	18	—	—	—	—	(11)	2	—	458	17
Loans and leases ^(5,6)	741	(2)	—	—	(25)	—	(89)	—	—	625	(5)
Loans held-for-sale ^(5,6)	970	(7)	(2)	—	(25)	—	(14)	—	—	922	(10)
Other assets ^(6,7)	1,911	25	6	—	1	53	(121)	—	—	1,875	4
Trading account liabilities – Equity securities	(1)	—	—	—	—	—	—	—	—	(1)	—
Trading account liabilities – Corporate securities and other	(16)	2	—	—	(2)	—	—	—	—	(16)	—
Long-term debt ⁽⁵⁾	(956)	(50)	(10)	—	—	—	46	—	—	(970)	(50)

⁽¹⁾ Assets (liabilities). For assets, increase (decrease) to Level 3 and for liabilities, (increase) decrease to Level 3.

⁽²⁾ Includes gains (losses) reported in earnings in the following income statement line items: Trading account assets/liabilities - predominantly market making and similar activities; Net derivative assets (liabilities) - market making and similar activities and other income; AFS debt securities - other income; Other debt securities carried at fair value - other income; Loans and leases - market making and similar activities and other income; Loans held-for-sale - other income; Other assets - primarily market making and similar activities and other income related to MSRs; Long-term debt - market making and similar activities.

⁽³⁾ Includes unrealized gains (losses) in OCI on AFS debt securities, foreign currency translation adjustments and the impact of changes in the Corporation's credit spreads on long-term debt accounted for under the fair value option. Amounts include net unrealized losses of \$38 million and \$8 million related to financial instruments still held at September 30, 2021 and 2020.

⁽⁴⁾ Net derivative assets (liabilities) include derivative assets of \$0.8 billion and \$2.5 billion and derivative liabilities of \$0.2 billion and \$0.0 billion at September 30, 2021 and 2020.

⁽⁵⁾ Amounts represent instruments that are accounted for under the fair value option.

⁽⁶⁾ Issuances represent loan originations and MSRs recognized following securitizations or whole-loan sales.

⁽⁷⁾ Settlements primarily represent the net change in fair value of the MSR asset due to the recognition of modeled cash flows and the passage of time.

Level 3 – Fair Value Measurements ⁽¹⁾

	Balance January 1	Total Realized/Unrealized Gains (Losses) in Net Income ⁽²⁾	Gains (Losses) in OCI ⁽³⁾	Purchases	Sales	Gross Issuances	Settlements	Gross Transfers into Level 3	Gross Transfers out of Level 3	Balance September 30	Change in Unrealized Gains (Losses) in Net Income Related to Financial Instruments Still Held ⁽²⁾
(Dollars in millions)											
Nine Months Ended September 30, 2021											
Trading account assets:											
Corporate securities, trading loans and other	\$ 1,359	\$ 23	\$ —	\$ 515	\$ (300)	\$ —	\$ (251)	\$ 697	\$ (409)	\$ 1,634	\$ (42)
Equity securities	227	20	—	71	(60)	—	—	98	(147)	209	(17)
Non-U.S. sovereign debt	354	24	(14)	18	—	—	(9)	26	—	399	27
Mortgage trading loans, ABS and other MBS	1,440	(4)	—	344	(584)	1	(125)	624	(122)	1,574	(65)
Total trading account assets	3,380	63	(14)	948	(944)	1	(385)	1,445	(678)	3,816	(97)
Net derivative assets (liabilities) ⁽⁴⁾	(3,468)	855	—	473	(517)	—	206	(18)	144	(2,325)	579
AFS debt securities:											
Non-agency residential MBS	378	(16)	(96)	—	—	—	(37)	244	(75)	398	(7)
Non-U.S. securities	18	(4)	—	—	—	—	(4)	—	—	10	—
Other taxable securities	71	—	(6)	8	—	—	—	—	—	73	—
Tax-exempt securities	176	19	—	—	—	—	—	—	(142)	53	18
Total AFS debt securities	643	(1)	(102)	8	—	—	(41)	244	(217)	534	11
Other debt securities carried at fair value – Non-agency residential MBS	267	—	—	—	—	—	(29)	58	—	296	—
Loans and leases ^(5,6)	717	45	—	—	—	70	(147)	46	(13)	718	52
Loans held-for-sale ^(5,6)	236	17	(4)	132	(1)	—	(62)	26	(4)	340	40
Other assets ^(6,7)	1,970	36	2	56	(144)	115	(300)	9	—	1,744	92
Trading account liabilities – Corporate securities and other	(16)	6	—	—	—	(1)	—	—	—	(11)	—
Long-term debt ⁽⁵⁾	(1,164)	(83)	4	2	—	(11)	67	(57)	116	(1,126)	(54)
Nine Months Ended September 30, 2020											
Trading account assets:											
Corporate securities, trading loans and other	\$ 1,507	\$ (150)	\$ (1)	\$ 280	\$ (181)	\$ 8	\$ (165)	\$ 520	\$ (348)	\$ 1,470	\$ (128)
Equity securities	239	(17)	—	33	(37)	—	—	32	(43)	207	(20)
Non-U.S. sovereign debt	482	35	(69)	76	(61)	—	(20)	100	(253)	290	33
Mortgage trading loans, ABS and other MBS	1,553	(145)	(3)	502	(582)	11	(52)	659	(173)	1,770	(135)
Total trading account assets	3,781	(277)	(73)	891	(861)	19	(237)	1,311	(817)	3,737	(250)
Net derivative assets (liabilities) ⁽⁴⁾	(2,538)	111	—	216	(558)	—	(224)	(273)	(265)	(3,531)	(356)
AFS debt securities:											
Non-agency residential MBS	424	(5)	(4)	23	—	—	(32)	158	(124)	440	(5)
Non-U.S. securities	2	—	—	—	(1)	—	(1)	14	—	14	—
Other taxable securities	65	—	—	6	(4)	—	—	1	—	68	—
Tax-exempt securities	108	(19)	3	—	—	—	(167)	265	(10)	180	(18)
Total AFS debt securities	599	(24)	(1)	29	(5)	—	(200)	438	(134)	702	(23)
Other debt securities carried at fair value – Non-agency residential MBS	299	12	—	—	—	—	(19)	178	(12)	458	(12)
Loans and leases ^(5,6)	693	(74)	—	32	(26)	22	(120)	98	—	625	(61)
Loans held-for-sale ^(5,6)	375	(7)	(35)	—	(106)	691	(89)	93	—	922	(19)
Other assets ^(6,7)	2,360	(294)	(11)	—	2	206	(391)	5	(2)	1,875	(373)
Trading account liabilities – Equity securities	(2)	1	—	—	—	—	—	—	—	(1)	1
Trading account liabilities – Corporate securities and other	(15)	7	—	(7)	(2)	—	1	—	—	(16)	—
Long-term debt ⁽⁵⁾	(1,149)	5	50	8	—	(45)	201	(52)	12	(970)	(10)

⁽¹⁾ Assets (liabilities). For assets, increase (decrease) to Level 3 and for liabilities, (increase) decrease to Level 3.

⁽²⁾ Includes gains (losses) reported in earnings in the following income statement line items: Trading account assets/liabilities - predominantly market making and similar activities; Net derivative assets (liabilities) - market making and similar activities and other income; AFS debt securities - other income; Other debt securities carried at fair value - other income; Loans and leases - market making and similar activities and other income; Loans held-for-sale - other income; Other assets - primarily market making and similar activities and other income related to MSRs; Long-term debt - market making and similar activities.

⁽³⁾ Includes unrealized gains (losses) in OCI on AFS debt securities, foreign currency translation adjustments and the impact of changes in the Corporation's credit spreads on long-term debt accounted for under the fair value option. Amounts include net unrealized losses of \$45 million and \$47 million related to financial instruments still held at September 30, 2021 and 2020.

⁽⁴⁾ Net derivative assets (liabilities) include derivative assets of \$0.8 billion and \$2.5 billion and derivative liabilities of \$0.2 billion and \$0.0 billion at September 30, 2021 and 2020.

⁽⁵⁾ Amounts represent instruments that are accounted for under the fair value option.

⁽⁶⁾ Issuances represent loan originations and MSRs recognized following securitizations or whole-loan sales.

⁽⁷⁾ Settlements primarily represent the net change in fair value of the MSR asset due to the recognition of modeled cash flows and the passage of time.

The following tables present information about significant unobservable inputs related to the Corporation's material categories of Level 3 financial assets and liabilities at September 30, 2021 and December 31, 2020.

Quantitative Information about Level 3 Fair Value Measurements at September 30, 2021

(Dollars in millions)

(Dollars in millions)		Inputs			
Financial Instrument	Fair Value	Valuation Technique	Significant Unobservable Inputs	Ranges of Inputs	Weighted Average ⁽¹⁾
Loans and Securities ⁽²⁾					
Instruments backed by residential real estate assets	\$ 1,359	Discounted cash flow, Market comparables	Yield	0% to 25%	6 %
Trading account assets – Mortgage trading loans, ABS and other MBS	306		Prepayment speed	1% to 42% CPR	19% CPR
Loans and leases	359		Default rate	0% to 3% CDR	1% CDR
AFS debt securities – Non-agency residential	398		Price	\$0 to \$160	\$91
Other debt securities carried at fair value – Non-agency residential	296		Loss severity	0% to 44%	14 %
Instruments backed by commercial real estate assets	\$ 458	Discounted cash flow	Yield	0% to 25%	4 %
Trading account assets – Corporate securities, trading loans and other	286		Price	\$0 to \$100	\$62
Trading account assets – Mortgage trading loans, ABS and other MBS	81				
AFS debt securities, primarily other taxable securities	83				
Loans held-for-sale	8				
Commercial loans, debt securities and other	\$ 3,678	Discounted cash flow, Market comparables	Yield	0% to 20%	10 %
Trading account assets – Corporate securities, trading loans and other	1,348		Prepayment speed	10% to 20%	15 %
Trading account assets – Non-U.S. sovereign debt	399		Default rate	3% to 4%	4 %
Trading account assets – Mortgage trading loans, ABS and other MBS	1,187		Loss severity	35% to 40%	38 %
AFS debt securities – Tax-exempt securities	53		Price	\$0 to \$186	\$67
Loans and leases	359		Long-dated equity volatilities	45%	n/a
Loans held-for-sale	332				
Other assets, primarily auction rate securities	\$ 804	Discounted cash flow, Market comparables	Price	\$10 to \$96	\$92
			Discount rate	9 %	n/a
MSRs	\$ 940	Discounted cash flow	Weighted-average life, fixed rate ⁽³⁾	0 to 14 years	4 years
			Weighted-average life, variable rate ⁽³⁾	0 to 11 years	3 years
			Option-adjusted spread, fixed rate	7% to 14%	9 %
			Option-adjusted spread, variable rate	9% to 15%	12 %
Structured liabilities					
Long-term debt	\$ (1,126)	Discounted cash flow, Market comparables, Industry standard derivative pricing ⁽³⁾	Yield	0% to 16%	14 %
			Equity correlation	3% to 99%	80 %
			Long-dated equity volatilities	4% to 67%	36 %
			Price	\$0 to \$121	\$85
			Natural gas forward price	\$2/MMBtu to \$12/MMBtu	\$4 /MMBtu
Net derivative assets (liabilities)					
Credit derivatives	\$ (109)	Discounted cash flow, Stochastic recovery correlation model	Credit spreads	1 to 611 bps	62 bps
			Upfront points	16 to 100 points	68 points
			Prepayment speed	15% CPR	n/a
			Default rate	2% CDR	n/a
			Credit correlation	24% to 60%	55 %
			Price	\$0 to \$122	\$66
Equity derivatives	\$ (1,442)	Industry standard derivative pricing ⁽³⁾	Equity correlation	3% to 99%	80 %
			Long-dated equity volatilities	4% to 67%	36 %
Commodity derivatives	\$ (942)	Discounted cash flow, Industry standard derivative pricing ⁽³⁾	Natural gas forward price	\$2/MMBtu to \$12/MMBtu	\$4 /MMBtu
			Correlation	64% to 82%	75 %
			Power forward price	\$12 to \$74	\$28
			Volatilities	41% to 113%	80 %
Interest rate derivatives	\$ 168	Industry standard derivative pricing ⁽⁴⁾	Correlation (IR/IR)	(1)% to 90%	53 %
			Correlation (FX/IR)	0% to 58%	44 %
			Long-dated inflation rates	(7)% to 12%	5 %
			Long-dated inflation volatilities	0% to 2%	2 %
			Interest rate volatilities	0% to 3%	1 %
Total net derivative assets (liabilities)	\$ (2,325)				

⁽¹⁾ For loans and securities, structured liabilities and net derivative assets (liabilities), the weighted average is calculated based upon the absolute fair value of the instruments.

⁽²⁾ The categories are aggregated based upon product type which differs from financial statement classification. The following is a reconciliation to the line items in the table on page 88: Trading account assets – Corporate securities, trading loans and other of \$ billion, Trading account assets – Non-U.S. sovereign debt of \$399 million, Trading account assets – Mortgage trading loans, MBS and ABS of \$6 billion, AFS debt securities of \$534 million, Other debt securities carried at fair value - Non-agency residential of \$296 million, Other assets, including MSRs, of \$1.7 billion, Loans and leases of \$718 million and LHFS of \$340 million.

⁽³⁾ Includes models such as Monte Carlo simulation and Black-Scholes.

⁽⁴⁾ Includes models such as Monte Carlo simulation, Black-Scholes and other methods that model the joint dynamics of interest, inflation and foreign exchange rates.

⁽⁵⁾ The weighted-average life is a product of changes in market rates of interest, prepayment rates and other model and cash flow assumptions.

CPR = Constant Prepayment Rate

CDR = Constant Default Rate

MMBtu = Million British thermal units

IR = Interest Rate

FX = Foreign Exchange

n/a = not applicable

Quantitative Information about Level 3 Fair Value Measurements at December 31, 2020

(Dollars in millions)

(Dollars in millions)		Inputs			
Financial Instrument	Fair Value	Valuation Technique	Significant Unobservable Inputs	Ranges of Inputs	Weighted Average
Loans and Securities ⁽²⁾					
Instruments backed by residential real estate assets	\$ 1,543	Discounted cash flow, Market comparables	Yield	(3)% to 25%	6 %
Trading account assets – Mortgage trading loans, ABS and other MBS	467		Prepayment speed	1% to 56% CPR	20% CPR
Loans and leases	431		Default rate	0% to 3% CDR	1% CDR
AFS debt securities - Non-agency residential	378		Price	\$0 to \$168	\$110
Other debt securities carried at fair value - Non-agency residential	267		Loss severity	0% to 47%	18 %
Instruments backed by commercial real estate assets	\$ 407	Discounted cash flow	Yield	0% to 25%	4 %
Trading account assets – Corporate securities, trading loans and other	262		Price	\$0 to \$100	\$52
Trading account assets – Mortgage trading loans, ABS and other MBS	43				
AFS debt securities, primarily other taxable securities	89				
Loans held-for-sale	13				
Commercial loans, debt securities and other	\$ 3,066	Discounted cash flow, Market comparables	Yield	0% to 26%	9 %
Trading account assets – Corporate securities, trading loans and other	1,097		Prepayment speed	10% to 20%	14 %
Trading account assets – Non-U.S. sovereign debt	354		Default rate	3% to 4%	4 %
Trading account assets – Mortgage trading loans, ABS and other MBS	930		Loss severity	35% to 40%	38 %
AFS debt securities – Tax-exempt securities	176		Price	\$0 to \$142	\$66
Loans and leases	286		Long-dated equity volatilities	77%	n/a
Loans held-for-sale	223				
Other assets, primarily auction rate securities	\$ 937	Discounted cash flow, Market comparables	Price	\$10 to \$97	\$91
			Discount rate	8%	n/a
MSRs	\$ 1,033	Discounted cash flow	Weighted-average life, fixed rate ⁽⁵⁾	0 to 13 years	4 years
			Weighted-average life, variable rate ⁽⁵⁾	0 to 10 years	3 years
			Option-adjusted spread, fixed rate	7% to 14%	9 %
			Option-adjusted spread, variable rate	9% to 15%	12 %
Structured liabilities					
Long-term debt	\$ (1,164)	Discounted cash flow, Market comparables, Industry standard derivative pricing ⁽³⁾	Yield	0% to 11%	9 %
			Equity correlation	2% to 100%	64 %
			Long-dated equity volatilities	7% to 64%	32 %
			Price	\$0 to \$124	\$86
			Natural gas forward price	\$1/MMBtu to \$4/MMBtu	\$3/MMBtu
Net derivative assets (liabilities)					
Credit derivatives	\$ (112)	Discounted cash flow, Stochastic recovery correlation model	Yield	5%	n/a
			Upfront points	0 to 100 points	75 points
			Prepayment speed	15% to 100% CPR	22% CPR
			Default rate	2% CDR	n/a
			Credit correlation	21% to 64%	57 %
			Price	\$0 to \$122	\$69
Equity derivatives	\$ (1,904)	Industry standard derivative pricing ⁽³⁾	Equity correlation	2% to 100%	64 %
			Long-dated equity volatilities	7% to 64%	32 %
Commodity derivatives	\$ (1,426)	Discounted cash flow, Industry standard derivative pricing ⁽³⁾	Natural gas forward price	\$1/MMBtu to \$4/MMBtu	\$3/MMBtu
			Correlation	39% to 85%	73 %
			Volatilities	23% to 70%	39 %
Interest rate derivatives	\$ (26)	Industry standard derivative pricing ⁽⁴⁾	Correlation (IR/IR)	15% to 96%	34 %
			Correlation (FX/IR)	0% to 46%	3 %
			Long-dated inflation rates	(7)% to 84%	14 %
			Long-dated inflation volatilities	0% to 1%	1 %
			Interest rates volatilities	0% to 2%	1 %
Total net derivative assets (liabilities)	\$ (3,468)				

⁽¹⁾ For loans and securities, structured liabilities and net derivative assets (liabilities), the weighted average is calculated based upon the absolute fair value of the instruments.

⁽²⁾ The categories are aggregated based upon product type which differs from financial statement classification. The following is a reconciliation to the line items in the table on page 89: Trading account assets – Corporate securities, trading loans and other of \$1.3 billion, Trading account assets – Non-U.S. sovereign debt of \$354 million, Trading account assets – Mortgage trading loans, MBS and ABS of \$4.4 billion, AFS debt securities of \$643 million, Other debt securities carried at fair value - Non-agency residential of \$267 million, Other assets, including MSRs, of \$2.0 billion, Loans and leases of \$717 million and LHFS of \$236 million.

⁽³⁾ Includes models such as Monte Carlo simulation and Black-Scholes.

⁽⁴⁾ Includes models such as Monte Carlo simulation, Black-Scholes and other methods that model the joint dynamics of interest, inflation and foreign exchange rates.

⁽⁵⁾ The weighted-average life is a product of changes in market rates of interest, prepayment rates and other model and cash flow assumptions.

CPR = Constant Prepayment Rate

CDR = Constant Default Rate

MMBtu = Million British thermal units

IR = Interest Rate

FX = Foreign Exchange

n/a = not applicable

Uncertainty of Fair Value Measurements from Unobservable Inputs

For information on the types of instruments, valuation approaches and the impact of changes in unobservable inputs used in Level 3 measurements, see *Note 20 – Fair Value Measurements* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Nonrecurring Fair Value

The Corporation holds certain assets that are measured at fair value only in certain situations (e.g., the impairment of an asset), and these measurements are referred to herein as nonrecurring. The amounts below represent assets still held as of the reporting date for which a nonrecurring fair value adjustment was recorded during the three and nine months ended September 30, 2021 and 2020.

Assets Measured at Fair Value on a Nonrecurring Basis

(Dollars in millions)	September 30, 2021		Three Months Ended September 30, 2021		Nine Months Ended September 30, 2021	
	Level 2	Level 3	Gains (Losses)			
Assets						
Loans held-for-sale	\$ 124	\$ 20	\$ (2)	\$ 4		
Loans and leases ⁽¹⁾	—	182	(16)	(47)		
Foreclosed properties ^(2, 3)	—	17	(3)	(4)		
Other assets	354	2,101	(35)	(494)		
	September 30, 2020		Three Months Ended September 30, 2020		Nine Months Ended September 30, 2020	
Assets						
Loans held-for-sale	\$ 630	\$ 903	\$ (14)	\$ (121)		
Loans and leases ⁽¹⁾	—	226	(19)	(59)		
Foreclosed properties ^(2, 3)	—	27	(7)	(11)		
Other assets	209	576	(32)	(58)		

⁽¹⁾ Includes \$7 million and \$18 million of losses on loans that were written down to a collateral value of zero during the three and nine months ended September 30, 2021 compared to losses of \$ million and \$26 million for the same periods in 2020.

⁽²⁾ Amounts are included in other assets on the Consolidated Balance Sheet and represent the carrying value of foreclosed properties that were written down subsequent to their initial classification as foreclosed properties. Losses on foreclosed properties include losses recorded during the first 90 days after transfer of a loan to foreclosed properties.

⁽³⁾ Excludes \$55 million and \$131 million of properties acquired upon foreclosure of certain government-guaranteed loans (principally FHA-insured loans) at September 30, 2021 and 2020.

The table below presents information about significant unobservable inputs utilized in the Corporation's nonrecurring Level 3 fair value measurements at September 30, 2021 and December 31, 2020.

Quantitative Information about Nonrecurring Level 3 Fair Value Measurements

(Dollars in millions)	Financial Instrument	Fair Value	Valuation Technique	Inputs		
				Significant Unobservable Inputs	Ranges of Inputs	Weighted Average ⁽¹⁾
				Nine Months Ended September 30, 2021		
Loans and leases ⁽²⁾		\$ 182	Market comparables	OREO discount	13% to 59%	24 %
				Costs to sell	8% to 26%	9 %
Other assets ⁽³⁾		1,926	Discounted cash flow	Discount rate	7 %	n/a
		170	Market comparables	Estimated appraisal value	n/a	n/a
				Year Ended December 31, 2020		
Loans held-for-sale		\$ 792	Discounted cash flow	Price	\$8 to \$99	\$95
Loans and leases ⁽²⁾		301	Market comparables	OREO discount	13% to 59%	24 %
				Costs to sell	8% to 26%	9 %
Other assets ⁽⁴⁾		576	Discounted cash flow	Revenue attrition	2% to 19%	7 %
				Discount rate	11% to 14%	12 %

⁽¹⁾ The weighted average is calculated based upon the fair value of the loans.

⁽²⁾ Represents residential mortgages where the loan has been written down to the fair value of the underlying collateral.

⁽³⁾ Represents the fair value of certain impaired renewable energy investments and impaired assets related to the Corporation's real estate rationalization.

⁽⁴⁾ Represents the fair value of the intangible asset related to the merchant contracts received from the dissolution of the Corporation's merchant services joint venture.

n/a = not applicable

NOTE 15 Fair Value Option

The Corporation elects to account for certain financial instruments under the fair value option. For more information on the primary financial instruments for which the fair value option elections have been made, see *Note 21 – Fair Value Option* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K. The following tables provide information about the fair value carrying amount and the

contractual principal outstanding of assets and liabilities accounted for under the fair value option at September 30, 2021 and December 31, 2020, and information about where changes in the fair value of assets and liabilities accounted for under the fair value option are included in the Consolidated Statement of Income for the three and nine months ended September 30, 2021 and 2020.

Fair Value Option Elections

	September 30, 2021			December 31, 2020		
	Fair Value Carrying Amount	Contractual Principal Outstanding	Fair Value Carrying Amount Less Unpaid Principal	Fair Value Carrying Amount	Contractual Principal Outstanding	Fair Value Carrying Amount Less Unpaid Principal
(Dollars in millions)						
Federal funds sold and securities borrowed or purchased under agreements to resell	\$ 154,137	\$ 154,135	\$ 2	\$ 108,856	\$ 108,811	\$ 45
Loans reported as trading account assets ⁽¹⁾	9,410	17,534	(8,124)	7,967	17,372	(9,405)
Trading inventory – other	22,962	n/a	n/a	22,790	n/a	n/a
Consumer and commercial loans	7,566	7,628	(62)	6,681	6,778	(97)
Loans held-for-sale ⁽¹⁾	3,982	4,884	(902)	1,585	2,521	(936)
Other assets	194	n/a	n/a	200	n/a	n/a
Long-term deposits	542	530	12	481	448	33
Federal funds purchased and securities loaned or sold under agreements to repurchase	155,151	155,187	(36)	135,391	135,390	1
Short-term borrowings	4,128	4,341	(213)	5,874	5,178	696
Unfunded loan commitments	95	n/a	n/a	99	n/a	n/a
Long-term debt	28,696	29,783	(1,087)	32,200	33,470	(1,270)

⁽¹⁾ A significant portion of the loans reported as trading account assets and LHFS are distressed loans that were purchased at a deep discount to par, and the remainder are loans with a fair value near contractual principal outstanding.
n/a = not applicable

Gains (Losses) Related to Assets and Liabilities Accounted for Under the Fair Value Option

	Three Months Ended September 30					
	2021			2020		
	Market making and similar activities	Other Income	Total	Market making and similar activities	Other Income	Total
(Dollars in millions)						
Loans reported as trading account assets	\$ 5	\$ —	\$ 5	\$ 58	\$ —	\$ 58
Trading inventory – other ⁽¹⁾	(1,155)	—	(1,155)	709	—	709
Consumer and commercial loans	(56)	(11)	(67)	(2)	102	100
Loans held-for-sale ⁽²⁾	—	53	53	—	22	22
Short-term borrowings	548	—	548	(38)	—	(38)
Unfunded loan commitments	—	8	8	—	(18)	(18)
Long-term debt ⁽³⁾	225	(9)	216	(347)	(6)	(353)
Other ⁽⁴⁾	7	—	7	19	7	26
Total	\$ (426)	\$ 41	\$ (385)	\$ 399	\$ 107	\$ 506

	Nine Months Ended September 30					
	2021			2020		
Loans reported as trading account assets	\$ 288	\$ —	\$ 288	\$ (15)	\$ —	\$ (15)
Trading inventory – other ⁽¹⁾	419	—	419	1,259	—	1,259
Consumer and commercial loans	58	34	92	(49)	(85)	(134)
Loans held-for-sale ⁽²⁾	—	64	64	—	67	67
Short-term borrowings	1,022	—	1,022	196	—	196
Unfunded loan commitments	—	2	2	—	(88)	(88)
Long-term debt ⁽³⁾	(436)	(33)	(469)	(1,300)	(31)	(1,331)
Other ⁽⁴⁾	18	(24)	(6)	28	(31)	(3)
Total	\$ 1,369	\$ 43	\$ 1,412	\$ 119	\$ (168)	\$ (49)

⁽¹⁾ The gains (losses) in market making and similar activities are primarily offset by (losses) gains on trading liabilities that hedge these assets.

⁽²⁾ Includes the value of IRLCs on funded loans, including those sold during the period.

⁽³⁾ The net gains (losses) in market making and similar activities relate to the embedded derivatives in structured liabilities and are typically offset by (losses) gains on derivatives and securities that hedge these liabilities. For the cumulative impact of changes in the Corporation's own credit spreads and the amount recognized in accumulated OCI, see Note 12 – Accumulated Other Comprehensive Income (Loss). For more information on how the Corporation's own credit spread is determined, see Note 20 – Fair Value Measurements to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

⁽⁴⁾ Includes gains (losses) on federal funds sold and securities borrowed or purchased under agreements to resell, other assets, long-term deposits and federal funds purchased and securities loaned or sold under agreements to repurchase.

Gains (Losses) Related to Borrower-specific Credit Risk for Assets and Liabilities Accounted for Under the Fair Value Option

	Three Months Ended September 30		Nine Months Ended September 30	
	2021	2020	2021	2020
(Dollars in millions)				
Loans reported as trading account assets	\$ (21)	\$ 11	\$ 166	\$ (225)
Consumer and commercial loans	(22)	100	10	(96)
Loans held-for-sale	37	(24)	35	(117)
Unfunded loan commitments	8	(18)	2	(88)

NOTE 16 Fair Value of Financial Instruments

The following disclosures include financial instruments that are not carried at fair value or only a portion of the ending balance is carried at fair value on the Consolidated Balance Sheet. Certain loans, deposits, long-term debt, unfunded lending commitments and other financial instruments are accounted for under the fair value option. For more information, see *Note 21 – Fair Value Option* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Fair Value of Financial Instruments

The carrying values and fair values by fair value hierarchy of certain financial instruments where only a portion of the ending balance was carried at fair value at September 30, 2021 and December 31, 2020 are presented in the table below.

Fair Value of Financial Instruments

(Dollars in millions)	Fair Value			
	Carrying Value	Level 2	Level 3	Total
	September 30, 2021			
Financial assets				
Loans	\$ 894,158	\$ 52,330	\$ 880,083	\$ 932,413
Loans held-for-sale	9,415	8,601	823	9,424
Financial liabilities				
Deposits ⁽¹⁾	1,964,804	1,964,794	—	1,964,794
Long-term debt	278,621	286,414	1,293	287,707
Commercial unfunded lending commitments ⁽²⁾	1,633	95	6,542	6,637
December 31, 2020				
Financial assets				
Loans	\$ 887,289	\$ 49,372	\$ 877,682	\$ 927,054
Loans held-for-sale	9,243	7,864	1,379	9,243
Financial liabilities				
Deposits ⁽¹⁾	1,795,480	1,795,545	—	1,795,545
Long-term debt	262,934	271,315	1,164	272,479
Commercial unfunded lending commitments ⁽²⁾	1,977	99	5,159	5,255

⁽¹⁾ Includes demand deposits of \$962.9 billion and \$799.0 billion with no stated maturities at September 30, 2021 and December 31, 2020.

⁽²⁾ The carrying value of commercial unfunded lending commitments is included in accrued expenses and other liabilities on the Consolidated Balance Sheet. The Corporation does not estimate the fair value of consumer unfunded lending commitments because, in many instances, the Corporation can reduce or cancel these commitments by providing notice to the borrower. For more information on commitments, see *Note 10 – Commitments and Contingencies*.

NOTE 17 Business Segment Information

The Corporation reports its results of operations through the following four business segments: *Consumer Banking*, *Global Wealth & Investment Management*, *Global Banking* and *Global Markets*, with the remaining operations recorded in *All Other*. For more information, see *Note 23 – Business Segment Information* to the Consolidated Financial Statements of the Corporation's

2020 Annual Report on Form 10-K. The following tables present net income and the components thereto (with net interest income on an FTE basis for the business segments, *All Other* and the total Corporation) for the three and nine months ended September 30, 2021 and 2020, and total assets at September 30, 2021 and 2020 for each business segment, as well as *All Other*.

Results of Business Segments and All Other

At and for the three months ended September 30

(Dollars in millions)

	Total Corporation ⁽¹⁾		Consumer Banking		Global Wealth & Investment Management	
	2021	2020	2021	2020	2021	2020
Net interest income	\$ 11,195	\$ 10,243	\$ 6,493	\$ 5,890	\$ 1,451	\$ 1,237
Noninterest income	11,672	10,207	2,345	2,149	3,859	3,309
Total revenue, net of interest expense	22,867	20,450	8,838	8,039	5,310	4,546
Provision for credit losses	(624)	1,389	247	479	(58)	24
Noninterest expense	14,440	14,401	4,558	4,842	3,745	3,533
Income before income taxes	9,051	4,660	4,033	2,718	1,623	989
Income tax expense	1,360	(221)	988	666	398	242
Net income	\$ 7,691	\$ 4,881	\$ 3,045	\$ 2,052	\$ 1,225	\$ 747
Period-end total assets	\$ 3,085,446	\$ 2,738,452	\$ 1,091,431	\$ 947,513	\$ 393,708	\$ 337,576

	Global Banking		Global Markets		All Other	
	2021	2020	2021	2020	2021	2020
Net interest income	\$ 2,186	\$ 2,028	\$ 1,000	\$ 1,108	\$ 65	\$ (20)
Noninterest income	3,058	2,489	3,519	3,175	(1,109)	(915)
Total revenue, net of interest expense	5,244	4,517	4,519	4,283	(1,044)	(935)
Provision for credit losses	(781)	883	16	21	(48)	(18)
Noninterest expense	2,534	2,365	3,252	3,102	351	559
Income before income taxes	3,491	1,269	1,251	1,160	(1,347)	(1,476)
Income tax expense	942	343	325	302	(1,293)	(1,774)
Net income	\$ 2,549	\$ 926	\$ 926	\$ 858	\$ (54)	\$ 298
Period-end total assets	\$ 623,640	\$ 553,776	\$ 776,929	\$ 676,242	\$ 199,738	\$ 223,345

⁽¹⁾ There were no material intersegment revenues.

Results of Business Segments and All Other

At and for the nine months ended September 30

(Dollars in millions)

	Total Corporation ⁽¹⁾		Consumer Banking		Global Wealth & Investment Management	
	2021	2020	2021	2020	2021	2020
Net interest income	\$ 31,846	\$ 33,493	\$ 18,386	\$ 18,743	\$ 4,137	\$ 4,186
Noninterest income	35,529	32,322	6,707	6,277	11,209	9,721
Total revenue, net of interest expense	67,375	65,815	25,093	25,020	15,346	13,907
Provision for credit losses	(4,105)	11,267	(1,067)	5,761	(185)	349
Noninterest expense	45,000	41,286	14,548	14,074	11,425	10,596
Income before income taxes	26,480	13,262	11,612	5,185	4,106	2,962
Income tax expense	1,515	838	2,845	1,270	1,006	726
Net income	\$ 24,965	\$ 12,424	\$ 8,767	\$ 3,915	\$ 3,100	\$ 2,236
Period-end total assets	\$ 3,085,446	\$ 2,738,452	\$ 1,091,431	\$ 947,513	\$ 393,708	\$ 337,576

	Global Banking		Global Markets		All Other	
	2021	2020	2021	2020	2021	2020
Net interest income	\$ 6,150	\$ 7,003	\$ 2,980	\$ 3,558	\$ 193	\$ 3
Noninterest income	8,817	7,205	12,457	11,301	(3,661)	(2,182)
Total revenue, net of interest expense	14,967	14,208	15,437	14,859	(3,468)	(2,179)
Provision for credit losses	(2,738)	4,849	33	233	(148)	75
Noninterest expense	7,915	6,910	10,150	8,598	962	1,108
Income before income taxes	9,790	2,449	5,254	6,028	(4,282)	(3,362)
Income tax expense	2,643	661	1,366	1,567	(6,345)	(3,386)
Net income	\$ 7,147	\$ 1,788	\$ 3,888	\$ 4,461	\$ 2,063	\$ 24
Period-end total assets	\$ 623,640	\$ 553,776	\$ 776,929	\$ 676,242	\$ 199,738	\$ 223,345

⁽¹⁾ There were no material intersegment revenues.

The tables below present noninterest income and the associated components for the three and nine months ended September 30, 2021 and 2020 for each business segment, *All Other* and the total Corporation. For more information, see *Note 2 – Net Interest Income and Noninterest Income*.

Noninterest Income by Business Segment and All Other

	Total Corporation		Consumer Banking		Global Wealth & Investment Management	
			Three Months Ended September 30			
	2021	2020	2021	2020	2021	2020
(Dollars in millions)						
Fees and commissions:						
Card income						
Interchange fees	\$ 1,154	\$ 1,172	\$ 905	\$ 840	\$ 11	\$ 10
Other card income	429	396	412	380	11	11
Total card income	1,583	1,568	1,317	1,220	22	21
Service charges						
Deposit-related fees	1,619	1,515	935	837	18	17
Lending-related fees	309	302	—	—	—	—
Total service charges	1,928	1,817	935	837	18	17
Investment and brokerage services						
Asset management fees	3,276	2,740	49	36	3,228	2,706
Brokerage fees	960	883	32	32	455	399
Total investment and brokerage services	4,236	3,623	81	68	3,683	3,105
Investment banking fees						
Underwriting income	1,168	1,239	—	—	82	93
Syndication fees	346	133	—	—	—	—
Financial advisory services	654	397	—	—	—	—
Total investment banking fees	2,168	1,769	—	—	82	93
Total fees and commissions	9,915	8,777	2,333	2,125	3,805	3,236
Market making and similar activities	2,005	1,689	1	—	9	14
Other income (loss)	(248)	(259)	11	24	45	59
Total noninterest income	\$ 11,672	\$ 10,207	\$ 2,345	\$ 2,149	\$ 3,859	\$ 3,309
	Global Banking		Global Markets		All Other ⁽¹⁾	
			Three Months Ended September 30			
	2021	2020	2021	2020	2021	2020
Fees and commissions:						
Card income						
Interchange fees	\$ 180	\$ 153	\$ 59	\$ 170	\$ (1)	\$ (1)
Other card income	5	3	—	—	1	2
Total card income	185	156	59	170	—	1
Service charges						
Deposit-related fees	633	597	30	54	3	10
Lending-related fees	257	249	53	54	(1)	(1)
Total service charges	890	846	83	108	2	9
Investment and brokerage services						
Asset management fees	—	—	—	—	(1)	(2)
Brokerage fees	9	14	470	439	(6)	(1)
Total investment and brokerage services	9	14	470	439	(7)	(3)
Investment banking fees						
Underwriting income	512	536	629	643	(55)	(33)
Syndication fees	177	78	170	55	(1)	—
Financial advisory services	608	356	45	40	1	1
Total investment banking fees	1,297	970	844	738	(55)	(32)
Total fees and commissions	2,381	1,986	1,456	1,455	(60)	(25)
Market making and similar activities	40	16	2,014	1,725	(59)	(66)
Other income (loss)	637	487	49	(5)	(990)	(824)
Total noninterest income	\$ 3,058	\$ 2,489	\$ 3,519	\$ 3,175	\$ (1,109)	\$ (915)

⁽¹⁾ *All Other* includes eliminations of intercompany transactions.

Noninterest Income by Business Segment and All Other

	Total Corporation		Consumer Banking		Global Wealth & Investment Management	
	Nine Months Ended September 30					
(Dollars in millions)	2021	2020	2021	2020	2021	2020
Fees and commissions:						
Card income						
Interchange fees	\$ 3,431	\$ 2,794	\$ 2,687	\$ 2,129	\$ 33	\$ 26
Other card income	1,173	1,295	1,131	1,255	29	30
Total card income	4,604	4,089	3,818	3,384	62	56
Service charges						
Deposit-related fees	4,671	4,441	2,617	2,538	54	49
Lending-related fees	923	841	—	—	—	—
Total service charges	5,594	5,282	2,617	2,538	54	49
Investment and brokerage services						
Asset management fees	9,434	7,905	136	108	9,298	7,811
Brokerage fees	2,988	2,898	100	96	1,312	1,270
Total investment and brokerage services	12,422	10,803	236	204	10,610	9,081
Investment banking fees						
Underwriting income	4,028	3,610	—	—	305	292
Syndication fees	1,047	634	—	—	—	—
Financial advisory services	1,461	1,072	—	—	—	—
Total investment banking fees	6,536	5,316	—	—	305	292
Total fees and commissions	29,156	25,490	6,671	6,126	11,031	9,478
Market making and similar activities	7,360	6,983	1	2	31	52
Other income (loss)	(987)	(151)	35	149	147	191
Total noninterest income	\$ 35,529	\$ 32,322	\$ 6,707	\$ 6,277	\$ 11,209	\$ 9,721

	Global Banking		Global Markets		All Other ⁽¹⁾	
	Nine Months Ended September 30					
	2021	2020	2021	2020	2021	2020
Fees and commissions:						
Card income						
Interchange fees	\$ 503	\$ 337	\$ 208	\$ 301	\$ —	\$ 1
Other card income	12	10	—	—	1	—
Total card income	515	347	208	301	1	1
Service charges						
Deposit-related fees	1,877	1,693	117	134	6	27
Lending-related fees	760	686	163	156	—	(1)
Total service charges	2,637	2,379	280	290	6	26
Investment and brokerage services						
Asset management fees	—	—	—	—	—	(14)
Brokerage fees	90	45	1,504	1,487	(18)	—
Total investment and brokerage services	90	45	1,504	1,487	(18)	(14)
Investment banking fees						
Underwriting income	1,754	1,607	2,165	1,879	(196)	(168)
Syndication fees	547	357	500	278	—	(1)
Financial advisory services	1,341	948	119	123	1	1
Total investment banking fees	3,642	2,912	2,784	2,280	(195)	(168)
Total fees and commissions	6,884	5,683	4,776	4,358	(206)	(155)
Market making and similar activities	99	88	7,448	7,059	(219)	(218)
Other income (loss)	1,834	1,434	233	(116)	(3,236)	(1,809)
Total noninterest income	\$ 8,817	\$ 7,205	\$ 12,457	\$ 11,301	\$ (3,661)	\$ (2,182)

⁽¹⁾ All Other includes eliminations of intercompany transactions.

The table below presents a reconciliation of the four business segments' total revenue, net of interest expense, on an FTE basis, and net income to the Consolidated Statement of Income, and total assets to the Consolidated Balance Sheet.

Business Segment Reconciliations

(Dollars in millions)	Three Months Ended September 30				Nine Months Ended September 30			
	2021		2020		2021		2020	
Segments' total revenue, net of interest expense	\$	23,911	\$	21,385	\$	70,843	\$	67,994
Adjustments ⁽¹⁾ :								
Asset and liability management activities		3		(168)		(41)		425
Liquidating businesses, eliminations and other		(1,047)		(767)		(3,427)		(2,604)
FTE basis adjustment		(101)		(114)		(322)		(386)
Consolidated revenue, net of interest expense	\$	22,766	\$	20,336	\$	67,053	\$	65,429
Segments' total net income		7,745		4,583		22,902		12,400
Adjustments, net-of-tax ⁽¹⁾ :								
Asset and liability management activities		10		(127)		(20)		316
Liquidating businesses, eliminations and other		(64)		425		2,083		(292)
Consolidated net income	\$	7,691	\$	4,881	\$	24,965	\$	12,424

	September 30	
	2021	2020
Segments' total assets	\$ 2,885,708	\$ 2,515,107
Adjustments ⁽¹⁾ :		
Asset and liability management activities, including securities portfolio	1,296,026	1,018,385
Elimination of segment asset allocations to match liabilities	(1,162,175)	(857,788)
Other	65,887	62,748
Consolidated total assets	\$ 3,085,446	\$ 2,738,452

⁽¹⁾ Adjustments include consolidated income, expense and asset amounts not specifically allocated to individual business segments.

Glossary

Alt-A Mortgage – A type of U.S. mortgage that is considered riskier than A-paper, or “prime,” and less risky than “subprime,” the riskiest category. Typically, Alt-A mortgages are characterized by borrowers with less than full documentation, lower credit scores and higher LTVs.

Assets Under Management (AUM) – The total market value of assets under the investment advisory and/or discretion of *GWIM* which generate asset management fees based on a percentage of the assets’ market values. AUM reflects assets that are generally managed for institutional, high net worth and retail clients, and are distributed through various investment products including mutual funds, other commingled vehicles and separate accounts.

Banking Book – All on- and off-balance sheet financial instruments of the Corporation except for those positions that are held for trading purposes.

Brokerage and Other Assets – Non-discretionary client assets which are held in brokerage accounts or held for safekeeping.

Committed Credit Exposure – Any funded portion of a facility plus the unfunded portion of a facility on which the lender is legally bound to advance funds during a specified period under prescribed conditions.

Credit Derivatives – Contractual agreements that provide protection against a specified credit event on one or more referenced obligations.

Credit Valuation Adjustment (CVA) – A portfolio adjustment required to properly reflect the counterparty credit risk exposure as part of the fair value of derivative instruments.

Debit Valuation Adjustment (DVA) – A portfolio adjustment required to properly reflect the Corporation’s own credit risk exposure as part of the fair value of derivative instruments and/or structured liabilities.

Funding Valuation Adjustment (FVA) – A portfolio adjustment required to include funding costs on uncollateralized derivatives and derivatives where the Corporation is not permitted to use the collateral it receives.

Interest Rate Lock Commitment (IRLC) – Commitment with a loan applicant in which the loan terms are guaranteed for a designated period of time subject to credit approval.

Letter of Credit – A document issued on behalf of a customer to a third party promising to pay the third party upon presentation of specified documents. A letter of credit effectively substitutes the issuer’s credit for that of the customer.

Loan-to-value (LTV) – A commonly used credit quality metric. LTV is calculated as the outstanding carrying value of the loan divided by the estimated value of the property securing the loan.

Margin Receivable – An extension of credit secured by eligible securities in certain brokerage accounts.

Matched Book – Repurchase and resale agreements or securities borrowed and loaned transactions where the overall asset and liability position is similar in size and/or maturity. Generally, these are entered into to accommodate customers where the Corporation earns the interest rate spread.

Mortgage Servicing Rights (MSR) – The right to service a mortgage loan when the underlying loan is sold or securitized. Servicing includes collections for principal, interest and escrow payments from borrowers and accounting for and remitting principal and interest payments to investors.

Nonperforming Loans and Leases – Includes loans and leases that have been placed on nonaccrual status, including nonaccruing loans whose contractual terms have been restructured in a manner that grants a concession to a borrower experiencing financial difficulties.

Prompt Corrective Action (PCA) – A framework established by the U.S. banking regulators requiring banks to maintain certain levels of regulatory capital ratios, comprised of five categories of capitalization: “well capitalized,” “adequately capitalized,” “undercapitalized,” “significantly undercapitalized” and “critically undercapitalized.” Insured depository institutions that fail to meet certain of these capital levels are subject to increasingly strict limits on their activities, including their ability to make capital distributions, pay management compensation, grow assets and take other actions.

Subprime Loans – Although a standard industry definition for subprime loans (including subprime mortgage loans) does not exist, the Corporation defines subprime loans as specific product offerings for higher risk borrowers.

Troubled Debt Restructurings (TDRs) – Loans whose contractual terms have been restructured in a manner that grants a concession to a borrower experiencing financial difficulties. Certain consumer loans for which a binding offer to restructure has been extended are also classified as TDRs.

Value-at-Risk (VaR) – VaR is a model that simulates the value of a portfolio under a range of hypothetical scenarios in order to generate a distribution of potential gains and losses. VaR represents the loss the portfolio is expected to experience with a given confidence level based on historical data. A VaR model is an effective tool in estimating ranges of potential gains and losses on our trading portfolios.

Key Metrics

Active Digital Banking Users – Mobile and/or online users with activity at period end.

Active Mobile Banking Users – Mobile users with activity at period end.

Book Value – Ending common shareholders' equity divided by ending common shares outstanding.

Deposit Spread – Annualized net interest income divided by average deposits.

Efficiency Ratio – Noninterest expense divided by total revenue, net of interest expense.

Gross Interest Yield – Effective annual percentage rate divided by average loans.

Net Interest Yield – Net interest income divided by average total interest-earning assets.

Operating Margin – Income before income taxes divided by total revenue, net of interest expense.

Return on Average Allocated Capital – Adjusted net income divided by allocated capital.

Return on Average Assets – Net income divided by total average assets.

Return on Average Common Shareholders' Equity – Net income applicable to common shareholders divided by average common shareholders' equity.

Return on Average Shareholders' Equity – Net income divided by average shareholders' equity.

Risk-adjusted Margin – Difference between total revenue, net of interest expense, and net credit losses divided by average loans.

Acronyms

ABS	Asset-backed securities	GWIM	Global Wealth & Investment Management
AFS	Available-for-sale	HELOC	Home equity line of credit
ALM	Asset and liability management	HQLA	High Quality Liquid Assets
ARR	Alternative reference rates	HTM	Held-to-maturity
AUM	Assets under management	IBOR	Interbank Offered Rates
BANA	Bank of America, National Association	IRLC	Interest rate lock commitment
BHC	Bank holding company	ISDA	International Swaps and Derivatives Association, Inc.
BofAS	BofA Securities, Inc.	LCR	Liquidity Coverage Ratio
BofASE	BofA Securities Europe SA	LHFS	Loans held-for-sale
bps	Basis points	LIBOR	London Interbank Offered Rate
CCAR	Comprehensive Capital Analysis and Review	LTV	Loan-to-value
CDO	Collateralized debt obligation	MBS	Mortgage-backed securities
CECL	Current expected credit losses	MD&A	Management's Discussion and Analysis of Financial Condition and Results of Operations
CET1	Common equity tier 1	MLGWM	Merrill Lynch Global Wealth Management
CFTC	Commodity Futures Trading Commission	MLI	Merrill Lynch International
CLTV	Combined loan-to-value	MLPCC	Merrill Lynch Professional Clearing Corp
CVA	Credit valuation adjustment	MLPF&S	Merrill Lynch, Pierce, Fenner & Smith Incorporated
DVA	Debit valuation adjustment	MSA	Metropolitan Statistical Area
EPS	Earnings per common share	MSR	Mortgage servicing right
ESG	Environmental, social and governance	NSFR	Net Stable Funding Ratio
FCA	Financial Conduct Authority	OCI	Other comprehensive income
FHA	Federal Housing Administration	OREO	Other real estate owned
FHLB	Federal Home Loan Bank	PCA	Prompt Corrective Action
FHLMC	Freddie Mac	PPP	Paycheck Protection Program
FICC	Fixed income, currencies and commodities	RWA	Risk-weighted assets
FICO	Fair Isaac Corporation (credit score)	SBLC	Standby letter of credit
FINRA	Financial Industry Regulatory Authority, Inc.	SCB	Stress capital buffer
FNMA	Fannie Mae	SEC	Securities and Exchange Commission
FTE	Fully taxable-equivalent	SLR	Supplementary leverage ratio
FVA	Funding valuation adjustment	SOFR	Secured Overnight Financing Rate
GAAP	Accounting principles generally accepted in the United States of America	TDR	Troubled debt restructurings
GLS	Global Liquidity Sources	TLAC	Total loss-absorbing capacity
GNMA	Government National Mortgage Association	VaR	Value-at-Risk
GSE	Government-sponsored enterprise	VIE	Variable interest entity
G-SIB	Global systemically important bank		

Part II. Other Information

Bank of America Corporation and Subsidiaries

Item 1. Legal Proceedings

See Litigation and Regulatory Matters in *Note 10 – Commitments and Contingencies* to the Consolidated Financial Statements, which is incorporated by reference in this Item 1, for litigation and regulatory disclosure that supplements the disclosure in *Note 12 – Commitments and Contingencies* to the Consolidated Financial Statements of the Corporation's 2020 Annual Report on Form 10-K.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

The table below presents share repurchase activity for the three months ended September 30, 2021. The primary source of funds for cash distributions by the Corporation to its shareholders is dividends received from its banking subsidiaries. Each of the banking subsidiaries is subject to various regulatory policies and requirements relating to the payment of dividends, including requirements to maintain capital above regulatory minimums. All of the Corporation's preferred stock outstanding has preference over the Corporation's common stock with respect to payment of dividends.

(Dollars in millions, except per share information; shares in thousands)

	Total Common Shares Repurchased ^(1,2)	Weighted-Average Per Share Price	Total Shares Purchased as Part of Publicly Announced Programs ⁽²⁾	Remaining Buyback Authority Amounts ⁽³⁾
July 1 - 31, 2021	77,529	\$ 38.66	77,529	\$ 17,892
August 1 - 31, 2021	133,677	40.55	131,990	12,709
September 1 - 30, 2021	38,045	41.18	38,043	11,191
Three months ended September 30, 2021	249,251	40.06	247,562	

⁽¹⁾ Includes 1.7 million shares of the Corporation's common stock acquired by the Corporation in connection with satisfaction of tax withholding obligations on vested restricted stock or restricted stock units and certain forfeitures and terminations of employment-related awards and for potential re-issuance to certain employees under equity incentive plans.

⁽²⁾ On April 15, 2021, the Corporation announced the Board has authorized the repurchase of up to \$25 billion of common stock over time. The Board also authorized repurchases to offset shares awarded under equity-based compensation plans. During the three months ended September 30, 2021, the Corporation repurchased 248 million shares, or \$9.9 billion, of its common stock, including to offset shares awarded under the equity-based compensation plans. For more information, see Capital Management - CCAR and Capital Planning in the MD&A on page 22 and *Note 11 – Shareholders' Equity* to the Consolidated Financial Statements.

⁽³⁾ Excludes repurchases to offset shares awarded under equity-based compensation plans. On October 20, 2021, the Board renewed the Corporation's \$25 billion common stock repurchase program previously announced in April 2021. The Board's authorization replaces the previous program.

The Corporation did not have any unregistered sales of equity securities during the three months ended September 30, 2021.

Item 5. Other Information

Pursuant to Section 13(r) of the Securities Exchange Act of 1934, as amended (Exchange Act), an issuer is required to disclose in its annual or quarterly reports, as applicable, whether it or any of its affiliates knowingly engaged in certain activities, transactions or dealings relating to Iran or with individuals or entities designated pursuant to certain Executive Orders. Disclosure may be required even where the activities, transactions or dealings were conducted in compliance with applicable law. Except as set forth below, as of the date of this Quarterly Report on Form 10-Q, the Corporation is not aware of any other activity, transaction or dealing by any of its affiliates during the quarter ended September 30, 2021 that requires disclosure under Section 13(r) of the Exchange Act.

Item 1A. Risk Factors

There are no material changes from the risk factors set forth under Part 1, Item 1A. Risk Factors of the Corporation's 2020 Annual Report on Form 10-K.

Pursuant to a specific license from the U.S. Treasury Department's Office of Foreign Assets Control issued on May 28, 2021, during the third quarter of 2021, Bank of America, National Association (BANA), a U.S. subsidiary of Bank of America Corporation, processed four authorized wire deposits totaling \$1.2 million on behalf of a U.S. client into its account at BANA. The wire deposits settled invoices owed to the U.S. client and were unblocked funds belonging to Jammal Trust Bank, which at the time of the deposits was designated pursuant to Executive Order 13224. There was no measurable gross revenue or net profit to the Corporation relating to these transactions. The Corporation may in the future engage in similar transactions for its clients to the extent permitted by U.S. law.

Item 6. Exhibits

Exhibit No.	Description	Notes	Form	Exhibit	Filing Date	File No.
3.1	Restated Certificate of Incorporation, as amended and in effect on the date hereof	1				
3.2	Amended and Restated Bylaws of the Corporation as in effect on the date hereof		10-Q	3.2	10/30/20	1-6523
22	Subsidiary Issuers of Guaranteed Securities	1				
31.1	Certification of the Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	1				
31.2	Certification of the Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	1				
32.1	Certification of the Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	1				
32.2	Certification of the Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	1				
101.INS	Inline XBRL Instance Document	2				
101.SCH	Inline XBRL Taxonomy Extension Schema Document	1				
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document	1				
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document	1				
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document	1				
101.DEF	Inline XBRL Taxonomy Extension Definitions Linkbase Document	1				
104	Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101)					

⁽¹⁾ Filed herewith.

⁽²⁾ The instance document does not appear in the interactive data file because its XBRL tags are embedded within the inline XBRL document.

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Bank of America Corporation
Registrant

Date: October 29, 2021

/s/ Rudolf A. Bless
Rudolf A. Bless
Chief Accounting Officer

**RESTATED
CERTIFICATE OF INCORPORATION
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the "Corporation"), hereby certifies that (i) the Certificate of Incorporation of the Corporation was originally filed on July 31, 1998, (ii) the Corporation was originally incorporated under the name "NationsBank (DE) Corporation," which name was changed to "NationsBank Corporation" on September 25, 1998, which name was changed to "BankAmerica Corporation" on September 30, 1998, and which name was changed to "Bank of America Corporation" on April 28, 1999, (iii) this Restated Certificate of Incorporation only restates and integrates and does not further amend the provisions of the Corporation's Certificate of Incorporation as theretofore amended or supplemented and there is no discrepancy between the provisions of the Certificate of Incorporation as theretofore amended and supplemented and the provisions of this Restated Certificate of Incorporation, (iv) this Restated Certificate of Incorporation has been duly adopted in accordance with Section 245 of the General Corporation Law of the State of Delaware, and (v) the Certificate of Incorporation of the Corporation is hereby integrated and restated to read in its entirety as follows:

1. The name of the Corporation is Bank of America Corporation.
2. The purposes for which the Corporation is organized are to engage in any lawful act or activity for which corporations may be organized and incorporated under the General Corporation Law of the State of Delaware.
3. The number of shares, par value \$.01 per share, the Corporation is authorized to issue is Twelve Billion Nine Hundred Million (12,900,000,000), divided into the following classes:

Class	Number of Shares
Common...	12,800,000,000
Preferred.....	100,000,000.

The class of common ("Common Stock") has unlimited voting rights and, after satisfaction of claims, if any, of the holders of preferred shares, is entitled to receive the net assets of the Corporation upon distribution.

The Board of Directors of the Corporation shall have full power and authority to establish one or more series within the class of preferred shares (the "Preferred Shares"), to define the designations, preferences, limitations and relative rights (including conversion rights) of shares within such class and to determine all variations between series.

The Board of Directors of the Corporation has designated, established and authorized the following series of Preferred Shares:

(a) 7% Cumulative Redeemable Preferred Stock, Series B.

A. Designation.

The designation of this series is "7% Cumulative Redeemable Preferred Stock, Series B" (hereinafter referred to as the "Series B Preferred Stock") and the number of shares constituting such series is Thirty-Five Thousand Forty-Five (35,045). Shares of Series B Preferred Stock shall have a stated value of \$100.00 per share.

B. Dividends.

The holders of record of the shares of the Series B Preferred Stock shall be entitled to receive, when and as declared by the Board of Directors of the Corporation, out of any funds legally available for such purpose, cumulative cash dividends at an annual dividend rate per share of 7% of the stated value thereof, which amount if \$7.00 per annum, per share, and no more. Such dividends shall be payable each calendar quarter at the rate of \$1.75 per share on such dates as shall be fixed by resolution of the Board of Directors of the Corporation. The date from which dividends on such shares shall be cumulative shall be the first day after said shares are issued. Accumulations of dividends shall not bear interest. No cash dividend shall be declared, paid or set apart for any shares of Common Stock unless all dividends on all shares of the Series B Preferred Stock at

the time outstanding for all past dividend periods and for the then current dividend shall have been paid, or shall have been declared and a sum sufficient for the payment thereof, shall have been set apart. Subject to the foregoing provisions of this paragraph B, cash dividends or other cash distributions as may be determined by the Board of Directors of the Corporation may be declared and paid upon the shares of the Common Stock of the Corporation from time to time out of funds legally available therefor, and the shares of the Series B Preferred Stock shall not be entitled to participate in any such cash dividend or other such cash distribution so declared and paid or made on such shares of Common Stock.

C. Redemption.

From and after October 31, 1988, any holder may, by written request, call upon the Corporation to redeem all or any part of said holder's shares of said Series B Preferred Stock at a redemption price of \$100.00 per share plus accumulated unpaid dividends to the date said request for redemption is received by the Corporation and no more (the "Redemption Price"). Any such request for redemption shall be accompanied by the certificates for which redemption is requested, duly endorsed or with appropriate stock power attached, in either case with signature guaranteed. Upon receipt by the Corporation of any such request for redemption from any holder of the Series B Preferred Stock, the Corporation shall forthwith redeem said stock at the Redemption Price, provided that: (i) full cumulative dividends have been paid or declared and set apart for payment upon all shares of any series of preferred stock ranking superior to the Series B Preferred Stock as to dividends or other distributions (collectively the "Superior Stock"); and (ii) the Corporation is not then in default or in arrears with respect to any sinking or analogous fund or call for tenders obligation or agreement for the purchase, redemption or retirement of any shares of Superior Stock. In the event that, upon receipt of a request for redemption, either or both of the conditions set forth in clauses (i) and (ii) above are not met, the Corporation shall forthwith return said request to the submitting shareholder along with a statement that the Corporation is unable to honor such request and explanation of the reasons therefor. From and after the receipt by the Corporation of a request for redemption from any holder of said Series B Preferred Stock, which request may be honored consistent with the foregoing provisions, all rights of such holder in the Series B Preferred Stock for which redemption is requested shall cease and terminate, except only the right to receive the Redemption Price thereof, but without interest.

D. Liquidation Preference.

In the event of any voluntary or involuntary liquidation, dissolution or winding up of the Corporation, the holders of the Series B Preferred Stock shall be entitled to receive, subject to the provisions of paragraph G and before any payment shall be made to the holders of the shares of Common Stock, the amount of \$100.00 per share, plus accumulated dividends. After payment to the holders of the Series B Preferred Stock of the full amount as aforesaid, the holders of the Series B Preferred Stock as such shall have no right or claim to any of the remaining assets which shall be distributed ratably to the holders of the Common Stock. If, upon any such liquidation, dissolution or winding up, the assets available therefor are not sufficient to permit payments to the holders of Series B Preferred Stock of the full amount as aforesaid, then subject to the provisions of paragraph G, the holders of the Series B Preferred Stock then outstanding shall share ratably in the distribution of assets in accordance with the sums which would be payable if such holders were to receive the full amounts as aforesaid.

E. Sinking Fund.

There shall be no sinking fund applicable to the shares of Series B Preferred Stock.

F. Conversion.

The shares of Series B Preferred Stock shall not be convertible into any shares of Common Stock or any other class of shares, nor exchanged for any shares of Common Stock or any other class of shares.

G. Superior Stock.

The Corporation may issue stock with preferences superior or equal to the shares of the Series B Preferred Stock without the consent of the holders thereof.

H. Voting Rights.

Each share of the Series B Preferred Stock shall be entitled to equal voting rights, share for share, with each share of the Common Stock.

(b) ESOP Convertible Preferred Stock, Series C.

The shares of the ESOP Convertible Preferred Stock, Series C, of the Corporation shall be designated "ESOP Convertible Preferred Stock, Series C," and the number of shares constituting such series shall be 1,027,270. The ESOP Convertible Preferred Stock, Series C, shall hereinafter be referred to as the "ESOP Preferred Stock."

A. Special Purpose Restricted Transfer Issue.

Shares of ESOP Preferred Stock shall be issued only to a trustee acting on behalf of an employee stock ownership plan or other employee benefit plan of the Corporation or any subsidiary of the Corporation. In the event of any transfer of shares of ESOP Preferred Stock to any person other than any such plan trustee or the Corporation, the shares of ESOP Preferred Stock so transferred, upon such transfer and without any further action by the Corporation or the holder, shall be automatically converted into shares of Common Stock on the terms otherwise provided for the conversion of shares of ESOP Preferred Stock into shares of Common Stock pursuant to paragraph E hereof and no such transferee shall have any of the voting powers, preferences and relative, participating, optional or special rights ascribed to the shares of ESOP Preferred Stock hereunder but, rather, only the powers and rights pertaining to the Common Stock into which such shares of ESOP Preferred Stock shall be so converted. Certificates representing shares of ESOP Preferred Stock shall be legended to reflect such restrictions on transfer. Notwithstanding the foregoing provisions of this paragraph A, shares of ESOP Preferred Stock (i) may be converted into shares of Common Stock as provided by paragraph E hereof and the shares of Common Stock issued upon such conversion may be transferred by the holder thereof as permitted by law and (ii) shall be redeemable by the Corporation upon the terms and conditions provided by paragraphs F, G and H hereof.

B. Dividends and Distributions.

(1) Subject to the provisions for adjustment hereinafter set forth, the holders of shares of ESOP Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors out of funds legally available therefor, cash dividends ("Preferred Dividends") in an amount equal to \$3.30 per share per annum, and no more, payable semi-annually, one-half on the first day of January and one-half on the first day of July of each year (each a "Dividend Payment Date") to holders of record at the start of business on such Dividend Payment Date. Preferred Dividends shall accrue on a daily basis whether or not the Corporation shall have earnings or surplus at the time, but Preferred Dividends on the shares of ESOP Preferred Stock for any period less than a full semi-annual period between Dividend Payment Dates shall be computed on the basis of a 360-day year of 30-day months. Accumulated but unpaid Preferred Dividends shall accumulate as of the Dividend Payment Date on which they first become payable, but no interest shall accrue on accumulated but unpaid Preferred Dividends.

(2) So long as any ESOP Preferred Stock shall be outstanding, no dividend shall be declared or paid or set apart for payment on any other series of stock ranking on a parity with the ESOP Preferred Stock as to dividends, unless there shall also be or have been declared and paid or set apart for payment on the ESOP Preferred Stock, like dividends for all dividend payment periods of the ESOP Preferred Stock ending on or before the dividend payment date of such parity stock, ratably in proportion to the respective amount of dividends accumulated and unpaid through such dividend payment period on the ESOP Preferred Stock and accumulated and unpaid or payable on such parity stock through the dividend payment period on such parity stock next preceding such Dividend Payment Date. In the event that full cumulative dividends on the ESOP Preferred Stock have not been declared and paid or set apart for payment when due, the Corporation shall not declare or pay or set apart for payment any dividends or make any other distributions on, or make any payment on account of the purchase, redemption or other retirement of any other class of stock or series thereof of the Corporation ranking, as to dividends or as to distributions in the event of a liquidation, dissolution or winding-up of the Corporation, junior to the ESOP Preferred Stock until full cumulative dividends on the ESOP Preferred Stock shall have been paid or declared and provided for; provided, however, that the foregoing shall not apply to (i) any dividend payable solely in any shares of any stock ranking, as to dividends or as to distributions in the event of the liquidation, dissolution or winding-up of the Corporation, junior to the ESOP Preferred Stock, or (ii) the acquisition of shares of any stock ranking, as to dividends or as to distributions in the event of a liquidation, dissolution or winding-up of the Corporation, junior to the ESOP Preferred Stock either (A) pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted or (B) in exchange solely for shares of any other stock ranking junior to the ESOP Preferred Stock.

C. Voting Rights.

The holders of shares of ESOP Preferred Stock shall have the following voting rights:

(1) The holders of ESOP Preferred Stock shall be entitled to vote on all matters submitted to a vote of the holders of Common Stock of the Corporation, voting together with the holders of Common Stock as one class. Each share of the ESOP Preferred Stock shall be entitled to the number of votes equal to the number of shares of Common Stock into which such share of ESOP Preferred Stock could be converted on the record date for determining the shareholders entitled to vote, rounded to the nearest whole vote; it being understood that whenever the "Conversion Ration" (as defined in paragraph E hereof) is adjusted as provided in paragraph I hereof, the voting rights of the ESOP Preferred Stock shall also be similarly adjusted.

(2) Except as otherwise required by the General Corporation Law of the State of Delaware or set forth in paragraph C(1), holders of ESOP Preferred Stock shall have no special voting rights and their consent shall not be required for the taking of any corporate action.

D. Liquidation, Dissolution or Winding-Up.

(1) Upon any voluntary or involuntary liquidation, dissolution or winding-up of the Corporation, the holders of ESOP Preferred Stock shall be entitled to receive out of the assets of the Corporation which remain after satisfaction in full of all valid claims of creditors of the Corporation and which are available for payment to shareholders and subject to the rights of the holders of any stock of the Corporation ranking senior to or on a parity with the ESOP Preferred Stock in respect of distributions upon liquidation, dissolution or winding-up of the Corporation, before any amount shall be paid or distributed among the holders of Common Stock or any other shares ranking junior to the ESOP Preferred Stock in respect of the distribution upon liquidation, dissolution or winding-up of the Corporation, liquidating distributions in the amount of \$42.50 per share, plus an amount equal to all accrued and unpaid dividends thereon to the date fixed for distribution, and no more. If upon any liquidation, dissolution or winding-up of the Corporation, the amounts payable with respect to the ESOP Preferred Stock and any other stock ranking as to any such distribution on a parity with the ESOP Preferred Stock are not paid in full, the holders of the ESOP Preferred Stock and such other stock shall share ratably in any distribution of assets in proportion to the full respective preferential amounts to which they are entitled. After payment of the full amount to which they are entitled as provided by the foregoing provisions of this paragraph D(1), the holders of shares of ESOP Preferred Stock shall not be entitled to any further right or claim to any of the remaining assets of the Corporation.

(2) Neither the merger or consolidation of the Corporation with or into any other corporation, nor the merger or consolidation of any other corporation with or into the Corporation, nor the sale, transfer or lease of all or any portion of the assets of the Corporation, shall be deemed to be a dissolution, liquidation or winding-up of the affairs of the Corporation for purposes of this paragraph D, but the holders of ESOP Preferred Stock shall nevertheless be entitled in the event of any such merger or consolidation to the rights provided by paragraph H hereof.

(3) Written notice of any voluntary or involuntary liquidation, dissolution or winding-up of the Corporation, stating the payment date or dates when, and the place or places where, the amounts distributable to holders of ESOP Preferred Stock in such circumstances shall be payable, shall be given by first-class mail, postage prepaid, mailed not less than twenty (20) days prior to any payment date stated therein, to the holders of ESOP Preferred Stock, at the address shown on the books of the Corporation or any transfer agent for the ESOP Preferred Stock.

E. Conversion into Common Stock.

(1) A holder of shares of ESOP Preferred Stock shall be entitled, at any time prior to the close of business on the date fixed for redemption of such shares pursuant to paragraph F, G or H hereof, to cause any or all of such shares to be converted into shares of Common Stock at a conversion rate equal to the ratio of 1.0 share of ESOP Preferred Stock to 1.68 shares of Common Stock (as adjusted as hereinafter provided, the "Conversion Ratio"). The Conversion Ratio set forth above is subject to adjustment pursuant to this Certificate of Incorporation.

(2) Any holder of shares of ESOP Preferred Stock desiring to convert such shares into shares of Common Stock shall surrender the certificate or certificates representing the shares of ESOP Preferred Stock being converted, duly assigned or endorsed for transfer to the Corporation (or accompanied by duly executed stock powers relating thereto), at the principal executive office of the Corporation or the offices of the transfer agent for the ESOP Preferred Stock or such office or offices in the continental United States of an agent for conversion as may from time to time be designated by notice to the holders of the ESOP Preferred Stock by the Corporation or the transfer agent for the ESOP Preferred Stock, accompanied by written notice of conversion. Such notice to conversion shall specify (i) the number of shares of ESOP Preferred Stock to be converted and the name or names in which such holder wishes the certificate or certificates for Common Stock and for any shares of ESOP Preferred Stock not to be so converted to be issued, and (ii) the address to which such holder wishes delivery to be made of such new certificates to be issued upon such conversion.

(3) Upon surrender of a certificate representing a share or shares of ESOP Preferred Stock for conversion, the Corporation shall issue and send by hand delivery (with receipt to be acknowledged) or by first-class mail, postage prepaid, to the holder thereof or to such holder's designee, at the address designated by such holder, a certificate or certificates for the number of shares of Common Stock to which such holder shall be entitled upon conversion. In the event that there shall have been surrendered a certificate or certificates representing shares of ESOP Preferred Stock, only part of which are to be converted, the Corporation shall issue and deliver to such holder or such holder's designee a new certificate or certificates representing the number of shares of ESOP Preferred Stock which shall not have been converted.

(4) The issuance by the Corporation of shares of Common Stock upon a conversion of shares of ESOP Preferred Stock into shares of Common Stock made at the option of the holder thereof shall be effective as of the earlier of (i) the delivery to such holder or such holder's designee of the certificate or certificates representing the shares of Common Stock issued upon conversion thereof or (ii) the commencement of business on the second business day after the surrender of the certificate or certificates for the shares of ESOP Preferred Stock to be converted, duly assigned or endorsed for transfer to the corporation (or accompanied by duly executed stock powers relating thereto) as provided hereby. On and after the effective date of conversion,

the person or persons entitled to receive the Common Stock issuable upon such conversion shall be treated for all purposes as the record holder or holders of such shares of Common Stock, but no allowance or adjustment shall be made in respect of dividends payable to holders of Common Stock in respect of any period prior to such effective date. The Corporation shall not be obligated to pay any dividends which shall have been declared and shall be payable to holders of shares of ESOP Preferred Stock on a Dividend Payment Date if such Dividend Payment Date for such dividend shall coincide with or be on or subsequent to the effective date of conversion of such shares.

(5) The Corporation shall not be obligated to deliver to holders of ESOP Preferred Stock any fractional share or shares of Common Stock issuable upon any conversion of such shares of ESOP Preferred Stock, but in lieu thereof may make a cash payment in respect thereof in any manner permitted by law.

(6) The Corporation shall at all times reserve and keep available out of its authorized and unissued Common Stock, solely for issuance upon the conversion of shares of ESOP Preferred Stock as herein provided, free for any preemptive rights, such number of shares of Common Stock as shall from time to time be issuable upon the conversion of all shares of ESOP Preferred Stock then outstanding. The Corporation shall prepare and shall use its best efforts to obtain and keep in force such governmental or regulatory permits or other authorizations as may be required by law, and shall comply with all requirements as to registration or qualification of the Common Stock, in order to enable the Corporation lawfully to issue and deliver to each holder of record of ESOP Preferred Stock such number of shares of its Common Stock as shall from time to time be sufficient to effect the conversion of all shares of ESOP Preferred Stock then outstanding and convertible into shares of Common Stock.

F. Redemption At the Option of the Corporation.

(1) The ESOP Preferred Stock shall be redeemable, in whole or in part, at the option of the Corporation at any time, at a redemption price per share (except as to redemption pursuant to paragraph F(3)) of \$42.83 prior to July 1, 1999 and \$42.50 thereafter, plus, in each case, an amount equal to all accrued and unpaid dividends thereon to the date fixed for redemption. Payment of the redemption price shall be made by the Corporation in cash or shares of Common Stock, or a combination thereof, as permitted by paragraph F(5). From and after the date fixed for redemption, dividends on shares of ESOP Preferred Stock called for redemption will cease to accrue, such shares will no longer be deemed to be outstanding and all rights in respect of such shares of the Corporation shall cease, except the right to receive the redemption price. If less than all of the outstanding shares of ESOP Preferred Stock are to be redeemed, the Corporation shall either redeem a portion of the shares of each holder determined pro rata based on the number of shares held by each holder or shall select the shares to be redeemed by lot, as may be determined by the Board of Directors of the Corporation.

(2) Unless otherwise required by law, notice of redemption will be sent to the holders of ESOP Preferred Stock at the address shown on the books of the Corporation or any transfer agent for the ESOP Preferred Stock by first-class mail, postage prepaid, mailed not less than twenty (20) days nor more than sixty (60) days prior to the redemption date. Each such notice shall state: (i) the redemption date; (ii) the total number of shares of the ESOP Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where certificates for such shares are to be surrendered for payment of the redemption price (v) that dividends on the shares to be redeemed will cease to accrue on such redemption date; and (vi) the conversion rights of the shares to be redeemed, the period within which conversion rights may be exercised, and the Conversion Ratio and number of shares of Common Stock issuable upon conversion of a share of ESOP Preferred Stock at the time. These notice provisions may be supplemented if necessary in order to comply with optional redemption provisions for preferred stock which may be required under the Internal Revenue Code of 1986, as amended, or the Employee Retirement Income Security Act of 1974, as amended ("ERISA"). Upon surrender of the certificates for any shares so called for redemption and not previously converted (properly endorsed or assigned for transfer, if the Board of Directors of the Corporation shall so require and the notice shall so state), such shares shall be redeemed by the Corporation at the date fixed for redemption and at the applicable redemption price set forth in this paragraph F.

(3) In the event of a change in the federal tax law of the United States of America which has the effect of precluding the Corporation from claiming any of the tax deductions for dividends paid on the ESOP Preferred Stock when such dividends are used as provided under Section 404(k)(2) of the Internal Revenue Code of 1986, as amended and in effect on the date shares of ESOP Preferred Stock are initially issued, the Corporation may, within 180 days following the effective date of such tax legislation and implementing regulations of the Internal Revenue Service, if any, in its sole discretion and notwithstanding anything to the contrary in paragraph F(1), elect to redeem any or all such shares for the amount payable in respect of the shares upon liquidation of the Corporation pursuant to paragraph D.

(4) In the event the C&S/Sovran Retirement Savings, ESOP and Profit Sharing Plan (as amended, together with any successor plan, the "Plan") is terminated, the Corporation shall, notwithstanding anything to the contrary in paragraph F(1), redeem all shares of ESOP Preferred Stock for the amount payable in respect of the shares upon redemption of the ESOP Preferred Stock pursuant to paragraph F(1) hereof.

(5) The Corporation, at its option, may make payment of the redemption price required upon redemption of shares of ESOP Preferred Stock in case or in shares of Common Stock, or in a combination of such shares and cash, any such shares to be valued for such purpose at their Fair Market Value (as defined in paragraph I(7) hereof).

G. Other Redemption Rights.

Shares of ESOP Preferred Stock shall be redeemed by the Corporation at a price which is the greater of the Conversion Value (as defined in paragraph I) of the ESOP Preferred Stock on the date fixed for redemption or a redemption price of \$42.50 per share plus accrued and unpaid dividends thereon to the date fixed for redemption, for shares of Common Stock (any such shares of Common Stock to be valued for such purpose as provided by paragraph F(5) hereof), at the option of the holder, at any time and from time to time upon notice to the Corporation given not less than five (5) business days prior to the date fixed by the Corporation in such notice for such redemption, when and to the extent necessary (i) to provide for distributions required to be made under, or to satisfy an investment election provided to participants in accordance with, the Plan to participants in the Plan or (ii) to make payment of principal, interest or premium due and payable (whether as scheduled or upon acceleration) on any indebtedness incurred by the holder or Trustee under the Plan for the benefit of the Plan.

H. Consolidation, Merger, etc.

(1) In the event that the Corporation shall consummate any consolidation or merger or similar transaction, however named, pursuant to which the outstanding shares of Common Stock are by operation of law exchanged solely for or changed, reclassified or converted solely into stock of any successor or resulting company (including the Corporation and any company that directly or indirectly owns all of the outstanding capital stock of such successor or resulting company) that constitutes "qualifying employer securities" with respect to a holder of ESOP Preferred Stock within the meaning of Section 409(1) of the Internal Revenue Code of 1986, as amended, and Section 407(d)(5) of ERISA, or any successor provisions of law, and, if applicable, for a cash payment in lieu of fractional shares, if any, the shares of ESOP Preferred Stock of such holder shall be assumed by and shall become preferred stock of such successor or resulting company, having in respect of such company insofar as possible the same powers, preferences and relative, participating, optional or other special rights (including the redemption rights provided by paragraphs F, G and H hereof), and the qualifications, limitations or restrictions thereon, that the ESOP Preferred Stock had immediately prior to such transaction, except that after such transaction each share of the ESOP Preferred Stock shall be convertible, otherwise on the terms and conditions provided by paragraph E hereof, into the qualifying employer securities so receivable by a holder of the number of shares of Common Stock into which such shares of ESOP Preferred Stock could have been converted immediately prior to such transaction if such holder of Common Stock failed to exercise any rights of election to receive any kind or amount of stock, securities, cash or other property (other than such qualifying employer securities and a cash payment, if applicable, in lieu of fractional shares) receivable upon such transaction (provided that, if the kind or amount of qualifying employer securities receivable upon such transaction is not the same for each non-electing share, then the kind and amount of qualifying employer securities receivable upon such transaction for each non-electing share shall be the kind and amount so receivable per share by a plurality of the non-electing shares). The rights of the ESOP Preferred Stock as preferred stock of such successor or resulting company shall successively be subject to adjustments pursuant to paragraph I hereof after any such transaction as nearly equivalent to the adjustments provided for by such paragraph prior to such transaction. The Corporation shall not consummate any such merger, consolidation or similar transaction unless all then outstanding shares of the ESOP Preferred Stock shall be assumed and authorized by the successor or resulting company as aforesaid.

(2) In the event that the Corporation shall consummate any consolidation or merger or similar transaction, however named, pursuant to which the outstanding shares of Common Stock are by operation of law exchanged for or changed, reclassified or converted into other stock or securities or cash or any other property, or any combination thereof, other than any such consideration which is constituted solely of qualifying employer securities (as referred to in paragraph H(1)) and cash payments, if applicable, in lieu of fractional shares, all outstanding shares of ESOP Preferred Stock shall, without any action on the part of the Corporation or any holder thereof (but subject to paragraph H(3)), be deemed converted by virtue of such merger, consolidation or similar transaction immediately prior to such consummation into the number of shares of Common Stock into which such shares of ESOP Preferred Stock could have been converted at such time, and each share of ESOP Preferred Stock shall, by virtue of such transaction and on the same terms as apply to the holders of Common Stock, be converted into or exchanged for the aggregate amount of stock, securities, cash or other property (payable in like kind) receivable by a holder of the number of shares of Common Stock into which such shares of ESOP Preferred Stock could have been converted immediately prior to such transaction if such holder of Common Stock failed to exercise any rights of election as to the kind or amount of stock, securities, cash or other property receivable upon such transaction (provided that, if the kind or amount of stock, securities, cash or other property receivable upon such transaction is not the same for each non-electing share, then the kind and amount of stock, securities, cash or other property receivable upon such transaction for each non-electing share shall be the kind and amount so receivable per share by a plurality of the non-electing shares).

(3) In the event the Corporation shall enter into any agreement providing for any consolidation or merger or similar transaction described in paragraph H(2), then the Corporation shall as soon as practicable thereafter (and in any event at least ten (10) business days before consummation of such transaction) give notice of such agreement and the material terms thereof to each holder of ESOP Preferred Stock and each such holder shall have the right to elect, by written notice to the Corporation, to receive, upon consummation of such transaction (if and when such transaction is consummated), from the Corporation or the successor of the Corporation, in redemption and retirement of such ESOP Preferred Stock, a cash payment equal to the amount payable in respect of shares of ESOP Preferred Stock upon redemption pursuant to paragraph F(1) hereof. No such notice of redemption shall be effective unless given to the Corporation prior to the close of business on the second business day prior to consummation of such transaction, unless the Corporation or the successor of the Corporation shall waive such prior notice, but any notice of redemption so given prior to such time may be withdrawn by notice of withdrawal given to the Corporation prior to the close of business on the second business day prior to consummation of such transaction.

I. Anti-dilution Adjustments.

(1) In the event the Corporation shall, at any time or from time to time while any of the shares of the ESOP Preferred Stock are outstanding, (i) pay a dividend or make a distribution in respect of the Common Stock in shares of Common Stock, (ii) subdivide the outstanding shares of Common Stock, or (iii) combine the outstanding shares of Common Stock into a smaller number of shares, in each case whether by reclassification of shares, recapitalization of the Corporation (including a recapitalization effected by a merger or consolidation to which paragraph H hereof does not apply) or otherwise, the Conversion Ratio in effect immediately prior to such action shall be adjusted by multiplying such Conversion Ratio by the fraction the numerator of which is the number of shares of Common Stock outstanding immediately before such event and the denominator of which is the number of shares of Common Stock outstanding immediately after such event. An adjustment made pursuant to this paragraph I(1) shall be given effect, upon payment of such a dividend or distribution, as of the record date for the determination of shareholders entitled to receive such dividend or distribution (on a retroactive basis) and in the case of a subdivision or combination shall become effective immediately as of the effective date thereof.

(2) In the event that the Corporation shall, at any time or from time to time while any of the shares of ESOP Preferred Stock are outstanding, issue to holders of shares of Common Stock as a dividend or distribution, including by way of a reclassification of shares or a recapitalization of the Corporation, any right or warrant to purchase shares of Common Stock (but not including as such a right or warrant any security convertible into or exchangeable for shares of Common Stock) at a purchase price per share less than the Fair Market Value (as hereinafter defined) of a share of Common Stock on the date of issuance of such right or warrant, then, subject to the provisions of paragraphs I(5) and I(6), the Conversion Ratio shall be adjusted by multiplying such Conversion Ratio by the fraction the numerator of which shall be the number of shares of Common Stock outstanding immediately before such issuance of rights or warrants plus the number of shares of Common Stock which could be purchased at the Fair Market Value of a share of Common Stock at the time of such issuance for the maximum aggregate consideration payable upon exercise in full of all such rights or warrants and the denominator of which shall be the number of shares of Common Stock outstanding immediately before such issuance of rights or warrants plus the maximum number of shares of Common Stock that could be acquired upon exercise in full of all such rights and warrants.

(3) In the event the Corporation shall, at any time and from time to time while any of the shares of ESOP Preferred Stock are outstanding, issue, sell or exchange shares of Common Stock (other than pursuant to any right or warrant to purchase or acquire shares of Common Stock (including as such a right or warrant any security convertible into or exchangeable for shares of Common Stock) and other than pursuant to any dividend reinvestment plan or employee or director incentive or benefit plan or arrangement, including any employment, severance or consulting agreement, of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted) for a consideration having a Fair Market Value on the date of such issuance, sale or exchange less than the Fair Market Value of such shares on the date of such issuance, sale or exchange, then, subject to the provisions of paragraphs I(5) and I(6), the Conversion Ratio shall be adjusted by multiplying such Conversion Ratio by the fraction the numerator of which shall be the sum of (i) the Fair Market Value of all the shares of Common Stock outstanding on the day immediately preceding the first public announcement of such issuance, sale or exchange plus (ii) the Fair Market Value of the consideration received by the Corporation in respect of such issuance, sale or exchange of shares of Common Stock, and the denominator of which shall be the product of (i) the Fair Market Value of a share of Common Stock on the day immediately preceding the first public announcement of such issuance, sale or exchange multiplied by (ii) the sum of the number of shares of Common Stock outstanding on such day plus the number of shares of Common Stock so issued, sold or exchanged by the Corporation. In the event the Corporation shall, at any time or from time to time while any shares of ESOP Preferred Stock are outstanding, issue, sell or exchange any right or warrant to purchase or acquire shares of Common Stock (including as such a right or warrant any security convertible into or exchangeable for shares of Common Stock), other than any such issuance to holders of shares of Common Stock as a dividend or distribution (including by way of a reclassification of shares or a recapitalization of the Corporation) and other than pursuant to any dividend reinvestment plan or employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted, for a consideration having a Fair

Market Value of the date of such issuance, sale or exchange less than the Non-Dilutive Amount (as hereinafter defined), then, subject to the provisions of paragraphs I(5) and (6), the Conversion Ratio shall be adjusted by multiplying such Conversion Ratio by a fraction the numerator of which shall be the sum of (a) the Fair Market Value of all the shares of Common Stock outstanding on the day immediately preceding the first public announcement of such issuance, sale or exchange plus (b) the Fair Market Value of the consideration received by the Corporation in respect of such issuance, sale or exchange of such right or warrant plus (c) the Fair Market Value at the time of such issuance of the consideration which the Corporation would receive upon exercise in full of all such rights or warrants, and the denominator of which shall be the product of (a) Fair Market Value of a share of Common Stock on the day immediately preceding the first public announcement of such issuance, sale or exchange multiplied by (b) the sum of the number of shares of Common Stock outstanding on such day plus the maximum number of shares of Common Stock which could be acquired pursuant to such right or warrant at the time of the issuance, sale or exchange of such right or warrant (assuming shares of Common Stock could be acquired pursuant to such right or warrant at such time).

(4) In the event the Corporation shall, at any time or from time to time while any of the shares of ESOP Preferred Stock are outstanding, make any Extraordinary Distribution (as hereinafter defined) in respect of the Common Stock, whether by dividend, distribution, reclassification of shares or recapitalization of the Corporation (including a recapitalization or reclassification effected by a merger or consolidation to which paragraph H hereof does not apply) or effect a Pro Rata Repurchase (as herein defined) of Common Stock, the Conversion Ratio in effect immediately prior to such Extraordinary Distribution or Pro Rata Repurchase shall, subject to paragraphs I(5) and I(6), be adjusted by multiplying such Conversion Ratio by a fraction the numerator of which shall be (a) the product of (i) the number of shares of Common Stock outstanding immediately before such Extraordinary Distribution or Pro Rata Repurchase multiplied by (ii) the Fair Market Value (as herein defined) of a share of Common Stock on the Valuation Date (as hereinafter defined) with respect to an Extraordinary Distribution, or on the applicable expiration date (including all extensions thereof) of any tender offer which is a Pro Rata Repurchase, or on the date of purchase with respect to any Pro Rata Repurchase which is not a tender offer, as the case may be, minus (b) the Fair Market Value of the Extraordinary Distribution or the aggregate purchase price of the Pro Rata Repurchase, as the case may be, and the denominator of which shall be the product of (i) the number of shares of Common Stock outstanding immediately before such Extraordinary Distribution or Pro Rata Repurchase minus, in the case of a Pro Rata Repurchase, the number of shares of Common Stock repurchased by the Corporation multiplied by (ii) the Fair Market Value of a share of Common Stock on the record date with respect to an Extraordinary Distribution or on the applicable expiration date (including all extensions thereof) of any tender offer which is a Pro Rata Repurchase or on the date of purchase with respect to any Pro Rata Repurchase which is not a tender offer, as the case may be. The Corporation shall send each holder of ESOP Preferred Stock (x) notice of its intent to make any Extraordinary Distribution and (y) notice of any offer by the Corporation to make a Pro Rata Repurchase, in each case at the same time as, or as soon as practicable after, such offer is first communicated (including by announcement of a record date in accordance with the rules of any stock exchange on which the Common Stock is listed or admitted to trading) to holders of Common Stock. Such notice shall indicate the intended record date and the amount and nature of such dividend or distribution, or the number of share subject to such offer for a Pro Rata Repurchase and the purchase price payable by the Corporation pursuant to such offer, as well as the Conversion Ratio and the number of share of Common Stock into which a share of ESOP Preferred Stock may be converted at such time.

(5) Notwithstanding any other provision of this paragraph I, the Corporation shall not be required to make any adjustment of the Conversion Ratio unless such adjustment would require an increase or decrease of at least one percent (1%) in the Conversion Ratio. Any lesser adjustment shall be carried forward and shall be made no later than the time of, and together with, the next subsequent adjustment which, together with any adjustment or adjustments so carried forward, shall amount to an increase or decrease of at least one percent (1%) in the Conversion Ratio.

(6) If the Corporation shall make any dividend or distribution on the Common Stock or issue any Common Stock, other capital stock or other security of the Corporation or any rights or warrants to purchase or acquire any such security, which transaction does not result in an adjustment to the Conversion Ratio pursuant to the foregoing provision of this paragraph I, the Board of Directors of the Corporation shall consider whether such action is of such a nature that an adjustment to the Conversion Ratio should equitably be made in respect of such transaction. If in such case the Board of Directors of the Corporation determines that the adjustment to the Conversion Ratio should be made, an adjustment shall be made effective as of such date, as determined by the Board of Directors of the Corporation. The determination of the Board of Directors of the Corporation as to whether an adjustment to the Conversion Ratio should be made pursuant to the foregoing provisions of this paragraph I(6), and, if so, as to what adjustment should be made and when, shall be final and binding on the Corporation and all shareholders of the Corporation. The Corporation shall be entitled to make such additional adjustments in the Conversion Ratio, in addition to those required by the foregoing provisions of this paragraph I, as shall be necessary in order that any dividend or distribution in shares of capital stock of the Corporation, subdivision, reclassification or combination of shares of stock of the Corporation or any recapitalization of the Corporation shall not be taxable to holders of the Common Stock.

(7) For purposes of this paragraph I, the following definitions shall apply:

“Conversion Value” shall mean the Fair Market Value of the aggregate number of shares of Common Stock into which a share of ESOP Preferred Stock is convertible.

“Extraordinary Distribution” shall mean any dividend or other distribution (effected while any of the shares of ESOP Preferred Stock are outstanding) (a) of cash, where the aggregate amount of such cash dividend and distribution together with the amount of all cash dividends and distributions made during the preceding period of 12 months, when combined with the aggregate amount of all Pro Rata Repurchases (for this purpose, including only that portion of the aggregate purchase price of such Pro Rata Repurchase which is in excess of the Fair Market Value of the Common Stock repurchased as determined on the applicable expiration date (including all extension thereof) or any tender offer or exchange offer which is a Pro Rata Repurchase, or the date of purchase with respect to any other Pro Rata Repurchase which is not a tender offer or exchange offer made during such period), exceeds Twelve and One-Half percent (12.5%) of the aggregate Fair Market Value of all shares of Common Stock outstanding on the record date for determining the shareholders entitled to receive such Extraordinary Distribution and (b) any shares of capital stock of the Corporation (other than securities of the type referred to in paragraph I(2)), evidence of indebtedness of the Corporation or any other person or any other property (including shares of any subsidiary of the Corporation), or any combination thereof. The Fair Market Value of an Extraordinary Distribution for purposes of paragraph I(4) shall be the sum of the Fair Market Value of such Extraordinary Distribution plus the amount of any cash dividends which are not Extraordinary Distributions made during such twelve-month period and not previously included in the calculation of an adjustment pursuant to paragraph I(4).

“Fair Market Value” shall mean, as to shares of Common Stock or any other class of capital stock or securities of the Corporation or any other issuer which are publicly traded, the average of the Current Market Prices (as hereinafter defined) of such shares or securities for each day of the Adjustment Period (as hereinafter defined). “Current Market Price” of publicly traded shares of Common Stock or any other class of capital stock or other security of the Corporation or any other issuer for a day shall mean the last reported sales price, regular way, or, in case no sale takes place on such day, the average of the reported closing bid and asked prices, regular way, in either case as reported on the New York Stock Exchange Composite Tape or, if such security is not listed or admitted to trading on the New York Stock Exchange, on the principal national securities exchange on which such security is listed or admitted to trading or, if not listed or admitted to trading on any national securities exchange, on The Nasdaq National Market or, if such security is not quoted on Nasdaq, the average of the closing bid and asked prices on each such day in the over-the-counter market as reported by Nasdaq or, if bid and asked prices for such security on each such day shall not have been reported through Nasdaq, the average of the bid and asked prices for such day as furnished by any New York Stock Exchange member firm selected for such purpose by the Board of Directors of the Corporation or a committee thereof on each trading day during the Adjustment Period. “Adjustment Period” shall mean the period of five (5) consecutive trading days preceding the date as of which the Fair Market Value of a security is to be determined. The “Fair Market Value” of any security which is not publicly traded or of any other property shall mean the fair value thereof as determined by an independent investment banking or appraisal firm experienced in the valuation of such securities or property selected in good faith by the Board of Directors of the Corporation or a committee thereof, or, if no such investment banking or appraisal firm is in the good faith judgment of the Board of Directors or such committee available to make such determination, as determined in good faith by the Board of Directors of the Corporation or such committee.

“Non-Dilutive Amount” in respect of an issuance, sale or exchange by the Corporation of any right or warrant to purchase or acquire shares of Common Stock (including any security convertible into or exchangeable for shares of Common Stock) shall mean the remainder of (a) the product of the Fair Market Value of a share of Common Stock on the day preceding the first public announcement of such issuance, sale or exchange multiplied by the maximum number of shares of Common Stock which could be acquired on such date upon the exercise in full of such rights and warrants (including upon the conversion or exchange of all such convertible or exchangeable securities), whether or not exercisable (or convertible or exchangeable) at such date, minus (b) the aggregate amount payable pursuant to such right or warrant to purchase or acquire with maximum number of shares of Common Stock; provided, however, that in no event shall the Non-Dilutive Amount be less than zero. For purposes of the foregoing sentence, in the case of a security convertible into or exchangeable for shares of Common Stock, the amount payable pursuant to a right or warrant to purchase or acquire shares of Common Stock shall be the Fair Market Value of such security on the date of the issuance, sale or exchange of such security by the Corporation.

“Pro Rata Repurchase” shall mean any purchase of shares of Common Stock by the Corporation or any subsidiary thereof, whether for cash, shares of capital stock of the Corporation, other securities of the Corporation, evidences of indebtedness of the Corporation or any other person or any other property (including shares of a subsidiary of the Corporation), or any combination thereof, effected while any of the shares of ESOP Preferred Stock are outstanding, pursuant to any tender offer or exchange offer subject to Section 13(e) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or any successor provision of law, or pursuant to any other offer available to substantially all holders of Common Stock; provided, however, that no purchase of shares by the Corporation or any subsidiary thereof made in open market transactions shall be deemed a Pro Rata Repurchase. For purposes of this paragraph I(7), shares shall be deemed to have been purchased by the Corporation or any subsidiary thereof “in open market transactions” if they have been purchased substantially in accordance with the requirements or Rule 10b-18 as in effect under the Exchange Act, on the date shares of ESOP Preferred Stock are initially issued by the Corporation or on such other terms and conditions as the Board of Directors of the Corporation or a committee thereof shall have determined are reasonably designed to prevent such purchases from having a material effect on the trading market for the Common Stock.

“Valuation Date” with respect to an Extraordinary Distribution shall mean the date that is five (5) business days prior to the record date for such Extraordinary Distribution.

(8) Whenever an adjustment to the Conversion Ratio is required pursuant hereto, the Corporation shall forthwith place on file with the transfer agent for the Common Stock and the ESOP Preferred Stock if there be one, and with the Secretary of the Corporation, a statement signed by two officers of the Corporation, stating the adjusted Conversion Ratio determined as provided herein and the voting rights (as appropriately adjusted) of the ESOP Preferred Stock. Such statement shall set forth in reasonable detail such facts as shall be necessary to show the reason and the manner of computing such adjustment, including any determination of Fair Market Value involved in such computation. Promptly after each adjustment to the Conversion Ratio and the related voting rights of the ESOP Preferred Stock, the Corporation shall mail a notice thereof to each holder of shares of the ESOP Preferred Stock.

J. Ranking; Retirement of Shares.

(1) The ESOP Preferred Stock shall rank (a) senior to the Common Stock as to the payment of dividends and the distribution of assets on liquidation, dissolution and winding-up of the Corporation and (b) unless otherwise provided in the Articles of Incorporation of the Corporation or an amendment to such Articles of Incorporation relating to a subsequent series of Preferred Shares, junior to all other series of Preferred Shares as to the payment of dividends and the distribution of assets on liquidation, dissolution or winding-up.

(2) Any shares of ESOP Preferred Stock acquired by the Corporation by reason of the conversion or redemption of such shares as provided hereby, or otherwise so acquired, shall be retired as shares of ESOP Preferred Stock and restored to the status of authorized but unissued shares of Preferred Shares, undesignated as to series, and may thereafter be reissued as part of a new series of such Preferred Shares as permitted by law.

K. Miscellaneous.

(1) All notices referred to herein shall be in writing, and all notices hereunder shall be deemed to have been given upon the earlier of receipt thereof or three (3) business days after the mailing thereof if sent by registered mail (unless first-class mail shall be specifically permitted for such notice under the terms hereof) with postage prepaid, addressed: (a) if to the Corporation, to its office at Bank of America Corporate Center, Charlotte, North Carolina 28255 (Attention: Treasurer) or to the transfer agent for the ESOP Preferred Stock, or other agent of the Corporation designated as permitted hereby or (b) if to any holder of the ESOP Preferred Stock or Common Stock, as the case may be, to such holder at the address of such holder as listed in the stock record books of the Corporation (which may include the records of any transfer agent for the ESOP Preferred Stock or Common Stock, as the case may be) or (c) to such other address as the Corporation or any such holder, as the case may be, shall have designated by notice similarly given.

(2) The term “Common Stock” as used herein means the Corporation’s Common Stock, as the same existed at the date of filing of the Amendment to the Corporation’s Articles of Incorporation relating to the ESOP Preferred Stock or any other class of stock resulting from successive changes or reclassification of such Common Stock consisting solely of changes in par value, or from par value to no par value. In the event that, at any time as a result of an adjustment made pursuant to paragraph I hereof, the holder of any share of the ESOP Preferred Stock upon thereafter surrendering such shares for conversion shall become entitled to receive any shares or other securities of the Corporation other than shares of Common Stock, the Conversion Ratio in respect of such other shares or securities so receivable upon conversion of shares of ESOP Preferred Stock shall thereafter be adjusted, and shall be subject to further adjustment from time to time, in a manner and on terms as nearly equivalent as practicable to the provisions with respect to Common Stock contained in paragraph I hereof, and the provisions of paragraphs A through H, J, and K hereof with respect to the Common Stock shall apply on like or similar terms to any such other shares or securities.

(3) The Corporation shall pay any and all stock transfer and documentary stamp taxes that may be payable in respect of any issuance or delivery of shares of ESOP Preferred Stock or shares of Common Stock or other securities issued on account of ESOP Preferred Stock pursuant hereto or certificates representing such shares or securities. The Corporation shall not, however, be required to pay any such tax which may be payable in respect of any transfer involved in the issuance or delivery of shares of ESOP Preferred Stock or Common Stock or other securities in a name other than that in which the shares of ESOP Preferred Stock with respect to which such shares or other securities are issued or delivered were registered, or in respect of any payment to any person with respect to any such shares or securities other than a payment to the registered holder thereof, and shall not be required to make any such issuance, delivery or payment unless and until the person otherwise entitled to such issuance, delivery or payment has paid to the Corporation the amount of any such tax or has established, to the satisfaction of the Corporation, that such tax has been paid or is not payable.

(4) In the event that a holder of shares of ESOP Preferred Stock shall not by written notice designate the name in which shares of Common Stock to be issued upon conversion of such shares should be registered or to whom payment upon redemption of shares of ESOP Preferred Stock should be made or the address to which the certificate or certificates representing such shares, or such payment, should be sent, the Corporation shall be entitled to register such shares, and make such payment, in the name of the holder of such ESOP Preferred Stock as shown on the records of the Corporation and to send the certificate or certificates representing such shares, or such payment, to the address of such holder shown on the records of the Corporation.

(5) The Corporation may appoint, and from time to time discharge and change, a transfer agent for the ESOP Preferred Stock. Upon any such appointment or discharge of a transfer agent, the Corporation shall send notice thereof by first-class mail, postage prepaid, to each holder of record of ESOP Preferred Stock.

(c) \$2.50 Cumulative Convertible Preferred Stock, Series BB.

A. Designation.

The designation of this series is “\$2.50 Cumulative Convertible Preferred Stock, Series BB” (hereinafter referred to as the “Series BB Preferred Stock”), and the initial number of shares constituting such series shall be 19,993,432, which number may be increased or decreased (but not below the number of shares then outstanding) from time to time by the Board of Directors. The Series BB Preferred Stock shall rank prior to each of the Common Stock, the Series B Preferred Stock and the ESOP Preferred Stock with respect to the payment of dividends and the distribution of assets.

B. Dividend Rights.

(1) The holders of shares of Series BB Preferred Stock shall be entitled to receive, when and as declared by the Board of Directors, out of funds legally available therefor, cumulative preferential cash dividends, accruing from January 1, 1998, at an annual rate of \$2.50 per share, and no more, payable quarterly on the first day of January, April, July and October of each year (each of the quarterly periods ending on the last day of March, June, September and December being hereinafter referred to as a “dividend period”). Dividends on the Series BB Preferred Stock shall first become payable on the first day of January, April, July or October, as the case may be, next following the date of issuance; provided, however, that if the first dividend period ends within 20 days of the date of issuance, such initial dividend shall be payable at the completion of the first full dividend period.

(2) Dividends on shares of Series BB Preferred Stock shall be cumulative from January 1, 1998, whether or not there shall be funds legally available for the payment thereof. Accumulations of dividends on the Series BB Preferred Stock shall not bear interest. The Corporation shall not (i) declare or pay or set apart for payment any dividends or distributions on any stock ranking as to dividends junior to the Series BB Preferred Stock (other than dividends paid in shares of such junior stock) or (ii) make any purchase or redemption of, or any sinking fund payment for the purchase or redemption of, any stock ranking as to dividends junior to the Series BB Preferred Stock (other than a purchase or redemption made by issue or delivery of such junior stock) unless all dividends payable on all outstanding shares of Series BB Preferred Stock for all past dividend periods shall have been paid in full or declared and a sufficient sum set apart for payment thereof; provided, however, that any moneys theretofore deposited in any sinking fund with respect to any preferred stock of the Corporation in compliance with the provisions of such sinking fund may thereafter be applied to the purchase or redemption of such preferred stock in accordance with the terms of such sinking fund regardless of whether at the time of such application all dividends payable on all outstanding shares of Series BB Preferred Stock for all past dividend periods shall have been paid in full or declared and a sufficient sum set apart for payment thereof.

(3) All dividends declared on shares of Series BB Preferred Stock and any other class of preferred stock or series thereof ranking on a parity as to dividends with the Series BB Preferred Stock shall be declared pro rata, so that the amounts of dividends declared on the Series BB Preferred Stock and such other preferred stock for the same dividend period, or for the dividend period of the Series BB Preferred Stock ending within the dividend period of such other stock, shall, in all cases, bear to each other the same ratio that accrued dividends on the shares of Series BB Preferred Stock and such other stock bear to each other.

C. Liquidation Preference.

(1) In the event of any liquidation, dissolution or winding up of the affairs of the Corporation, whether voluntary or involuntary, the holders of Series BB Preferred Stock shall be entitled to receive out of the assets of the Corporation available for distribution to shareholders an amount equal to \$25 per share plus an amount equal to accrued and unpaid dividends thereon to and including the date of such distribution, and no more, before any distribution shall be made to the holders of any class of stock of the Corporation ranking junior to the Series BB Preferred Stock as to the distribution of assets.

(2) In the event the assets of the Corporation available for distribution to shareholders upon any liquidation, dissolution or winding up of the affairs of the Corporation, whether voluntary or involuntary, shall be insufficient to pay in full the amounts payable with respect to the Series BB Preferred Stock and any other shares of preferred stock of the Corporation ranking on a parity with the Series BB Preferred Stock as to the distribution of assets, the holders of Series BB Preferred Stock and the holders of such other preferred stock shall share ratably in any distribution of assets of the Corporation in proportion to the full respective preferential amounts to which they are entitled.

(3) The merger or consolidation of the Corporation into or with any other corporation, the merger or consolidation of any other corporation into or with the Corporation or the sale of the assets of the Corporation substantially as an entirety shall not be deemed a liquidation, dissolution or winding up of the affairs of the Corporation within the meaning of this paragraph C.

D. Redemption.

(1) The Corporation, at its option, may redeem all or any shares of the Series BB Preferred Stock at any time at a redemption price (the "Redemption Price") consisting of the sum of (i) \$25 per share and (ii) an amount equal to accrued and unpaid dividends thereon to and including the date of redemption.

(2) If less than all the outstanding shares of Series BB Preferred Stock are to be redeemed, the shares to be redeemed shall be selected pro rata as nearly as practicable or by lot, as the Board of Directors may determine.

(3) Notice of any redemption shall be given by first class mail, postage prepaid, mailed not less than 60 nor more than 90 days prior to the date fixed for redemption to the holders of record of the shares of Series BB Preferred Stock to be redeemed, at their respective addresses appearing on the books of the Corporation. Notice so mailed shall be conclusively presumed to have been duly given whether or not actually received. Such notice shall state: (1) the date fixed for redemption; (2) the Redemption Price; (3) the right of the holders of Series BB Preferred Stock to convert such stock into Common Stock until the close of business on the 15th day prior to the redemption date (or the next succeeding business day, if the 15th day is not a business day); (4) if no less than all the shares held by such holder are to be redeemed, the number of shares to be redeemed from such holder; and (5) the place(s) where certificates for such shares are to be surrendered for payment of the Redemption Price. If such notice is mailed as aforesaid, and if on or before the date fixed for redemption funds sufficient to redeem the shares called for redemption are set aside by the Corporation in trust for the account of the holders of the shares to be redeemed, notwithstanding the fact that any certificate for shares called for redemption shall not have been surrendered for cancellation, on and after the redemption date the shares represented thereby so called for redemption shall be deemed to be no longer outstanding, dividends thereon shall cease to accrue, and all rights of the holders of such shares as shareholders of the corporation shall cease, except the right to receive the Redemption Price, without interest, upon surrender of the certificate(s) representing such shares. Upon surrender in accordance with the aforesaid notice of the certificate(s) for any shares so redeemed (duly endorsed or accompanied by appropriate instruments of transfer, if so required by the Corporation in such notice), the holders of record of such shares shall be entitled to receive the Redemption Price, without interest.

(4) At the option of the Corporation, if notice of redemption is mailed as aforesaid, and if prior to the date fixed for redemption funds sufficient to pay in full the Redemption Price are deposited in trust, for the account of the holders of the shares to be redeemed, with a bank or trust company named in such notice doing business in the Borough of Manhattan, the City of New York, State of New York or the City of Charlotte, State of North Carolina and having capital, surplus and undivided profits of at least \$3 million, which bank or trust company also may be the Transfer Agent and/or Paying Agent for the Series BB Preferred Stock, notwithstanding the fact that any certificate for shares called for redemption shall not have been surrendered for cancellation, on and after such date of deposit the shares represented thereby so called for redemption shall be deemed to be no longer outstanding, and all rights of the holders of such shares as shareholders of the Corporation shall cease, except the right of the holders thereof to convert such shares in accordance with the provisions of paragraph F at any time prior to the close of business on the 15th day prior to the redemption date (or the next succeeding business day, if the 15th day is not a business day), and the right of the holders thereof to receive out of the funds so deposited in trust the Redemption Price, without interest, upon surrender of the certificate(s) representing such shares. Any funds so deposited with such bank or trust company in respect of such shares of Series BB Preferred Stock converted before the close of business on the 15th day prior to the redemption date (or the next succeeding business day, if the 15th day is not a business day) shall be returned to the Corporation upon such conversion. Any funds so deposited with such a bank or trust company which shall remain unclaimed by the holders of shares called for redemption at the end of six years after the redemption date shall be repaid to the Corporation,

on demand, and thereafter the holder of any such shares shall look only to the Corporation for the payment, without interest, of the Redemption Price.

(5) Any provisions of paragraph D or E to the contrary notwithstanding, in the event that any quarterly dividend payable on the Series BB Preferred Stock shall be in arrears and until all such dividends in arrears shall have been paid or declared and set apart for payment, the Corporation shall not redeem any shares of Series BB Preferred Stock unless all outstanding shares of Series BB Preferred Stock are simultaneously redeemed and shall not purchase or otherwise acquire any shares of Series BB Preferred Stock except in accordance with a purchase offer made by the Corporation on the same terms to all holders of record of Series BB Preferred Stock for the purchase of all outstanding shares thereof.

E. Purchase by the Corporation.

(1) Except as provided in paragraph D(5), the Corporation shall be obligated to purchase shares of Series BB Preferred Stock tendered by the holder thereof for purchase hereunder, at a purchase price consisting of the sum of (i) \$25 per share and (ii) an amount equal to accrued and unpaid dividends thereon to and including the date of purchase. In order to exercise his right to require the Corporation to purchase his shares of Series BB Preferred Stock, the holder thereof shall surrender the Certificate(s) therefor duly endorsed if the Corporation shall so require or accompanied by appropriate instruments of transfer satisfactory to the Corporation, at the office of the Transfer Agent(s) for the Series BB Preferred Stock, or at such other office as may be designated by the Corporation, together with written notice that such holder irrevocably elects to sell such shares to the Corporation. Shares of Series BB Preferred Stock shall be deemed to have been purchased by the Corporation immediately prior to the close of business on the date such shares are tendered for sale to the Corporation and notice of election to sell the same is received by the Corporation in accordance with the foregoing provisions. As of such date the shares so tendered for sale shall be deemed to be no longer outstanding, dividends thereon shall cease to accrue and all rights of the holder of such shares as a shareholder of the Corporation shall cease, except the right to receive the purchase price.

F. Conversion Rights.

The holders of shares of Series BB Preferred Stock shall have the right, at their option, to convert such shares into shares of Common Stock on the following terms and conditions:

(1) Shares of Series BB Preferred Stock shall be convertible at any time into fully paid and nonassessable shares of Common Stock (calculated as to each conversion to the nearest 1/1,000 of a share) at the initial rate of 6.17215 shares of Common Stock for each share of Series BB Preferred Stock surrendered for conversion (the "Conversion Rate"). The Conversion Rate shall be subject to adjustment from time to time as hereinafter provided. No payment or adjustment shall be made on account of any accrued and unpaid dividends on shares of Series BB Preferred Stock surrendered for conversion prior to the record date for the determination of shareholders entitled to such dividends or on account of any dividends on the Common Stock issued upon such conversion subsequent to the record date for the determination of shareholders entitled to such dividends. If any shares of Series BB Preferred Stock shall be called for redemption, the right to convert the shares designated for redemption shall terminate at the close of business on the 15th day prior to the redemption date (or the next succeeding business day, if the 15th day is not a business day) unless default be made in the payment of the Redemption Price. In the event of default in the payment of the Redemption Price, the right to convert the shares designated for redemption shall terminate at the close of business on the business day immediately preceding the date that such default is cured.

(2) In order to convert shares of Series BB Preferred Stock into Common Stock, the holder thereof shall surrender the certificate(s) therefor, duly endorsed if the Corporation shall so require, or accompanied by appropriate instruments of transfer satisfactory to the Corporation, at the office of the Transfer Agent(s) for the Series BB Preferred Stock, or at such other office as may be designated by the Corporation, together with written notice that such holder irrevocably elects to convert such shares. Such notice shall also state the name(s) and address(es) in which such holder wishes the certificate(s) for the shares of Common Stock issuable upon conversion to be issued. As soon as practicable after receipt of the certificate(s) representing the shares of Series BB Preferred Stock to be converted and the notice of election to convert the same, the Corporation shall issue and deliver at said office a certificate or certificates for the number of whole shares of Common Stock issuable upon conversion of the shares of Series BB Preferred Stock surrendered for conversion, together with a cash payment in lieu of any fraction of a share, as hereinafter provided, to the person(s) entitled to receive the same. Shares of Series BB Preferred Stock shall be deemed to have been converted immediately prior to the close of business on the date such shares are surrendered for conversion and notice of election to convert the same is received by the Corporation in accordance with the foregoing provisions, and the person(s) entitled to receive the Common Stock issuable upon such conversion shall be deemed for all purposes as record holder(s) of such Common Stock as of such date.

(3) No fractional shares of Common Stock shall be issued upon conversion of any shares of Series BB Preferred Stock. If more than one share of Series BB Preferred Stock is surrendered at one time by the same holder, the number of full shares issuable upon conversion

thereof shall be computed on the basis of the aggregate number of shares so surrendered. If the conversion of any shares of Series BB Preferred Stock results in a fractional share of Common Stock, the Corporation shall pay cash in lieu thereof in an amount equal to such fraction multiplied times the closing price of the Common Stock on the date on which the shares of Series BB Preferred Stock were duly surrendered for conversion, or if such date is not a trading date, on the next succeeding trading date. The closing price of the Common Stock for any day shall mean the last reported sales price regular way on such day or, in case no such sale takes place on such day, the average of the reported closing bid and asked prices, regular way, on the New York Stock Exchange, or, if the Common Stock is not then listed on such Exchange, on the principal national securities exchange on which the Common Stock is listed for trading, or, if not then listed for trading on any national securities exchange, the average of the closing bid and asked prices of the Common Stock as furnished by the National Quotation Bureau, Inc., or if the National Quotation Bureau, Inc. ceases to furnish such information, by a comparable independent securities quotation service.

(4) In the event the Corporation shall at any time (i) pay a dividend or make a distribution to holders of Common Stock in shares of Common Stock, (ii) subdivide its outstanding shares of Common Stock into a larger number of shares, or (iii) combine its outstanding shares of Common Stock into a smaller number of shares, the Conversion Rate in effect at the time of the record date for such dividend or distribution or the effective date of such subdivision or combination shall be adjusted so that the holder of any shares of Series BB Preferred Stock surrendered for conversion after such record date or effective date shall be entitled to receive the number of shares of Common Stock which he would have owned or have been entitled to receive immediately following such record date or effective date had such shares of Series BB Preferred Stock been converted immediately prior thereto.

(5) Whenever the Conversion Rate shall be adjusted as herein provided (i) the Corporation shall forthwith keep available at the office of the Transfer Agent(s) for the Series BB Preferred Stock a statement describing in reasonable detail the adjustment, the facts requiring such adjustment and the method of calculation used; and (ii) the Corporation shall cause to be mailed by first class mail, postage prepaid, as soon as practicable to each holder of record of shares of Series BB Preferred Stock a notice stating that the Conversion Rate has been adjusted and setting forth the adjusted Conversion Rate.

(6) In the event of any consolidation of the Corporation with or merger of the Corporation into any other corporation (other than a merger in which the Corporation is the surviving corporation) or a sale of the assets of the Corporation substantially as an entirety, the holder of each share of Series BB Preferred Stock shall have the right, after such consolidation, merger or sale to convert such share into the number and kind of shares of stock or other securities and the amount and kind of property receivable upon such consolidation, merger or sale by a holder of the number of shares of Common Stock issuable upon conversion of such share of Series BB Preferred Stock immediately prior to such consolidation, merger or sale. Provision shall be made for adjustments in the Conversion Rate which shall be as nearly equivalent as may be practicable to the adjustments provided for in paragraph F(4). The provisions of this paragraph F(6) shall similarly apply to successive consolidations, mergers and sales.

(7) The Corporation shall pay any taxes that may be payable in respect of the issuance of shares of Common Stock upon conversion of shares of Series BB Preferred Stock, but the Corporation shall not be required to pay any taxes which may be payable in respect of any transfer involved in the issuance of shares of Common Stock in a name other than that in which the shares of Series BB Preferred Stock so converted are registered, and the Corporation shall not be required to issue or deliver any such shares unless and until the person(s) requesting such issuance shall have paid to the Corporation the amount of any such taxes or shall have established to the satisfaction of the Corporation that such taxes have been paid.

(8) The Corporation shall at all times reserve and keep available out of its authorized but unissued Common Stock the full number of shares of Common Stock issuable upon the conversion of all shares of Series BB Preferred Stock then outstanding.

(9) In the event that:

(i) The Corporation shall declare a dividend or any other distribution on its Common Stock, payable otherwise than in cash out of retained earnings; or

(ii) The Corporation shall authorize the granting to the holders of its Common Stock of rights to subscribe for or purchase any shares of capital stock of any class or of any other rights; or

(iii) The Corporation shall propose to effect any consolidation of the Corporation with or merger of the Corporation with or into any other corporation or a sale of the assets of the company substantially as an entirety which would result in an adjustment under paragraph F(6),

the Corporation shall cause to be mailed to the holders of record of Series BB Preferred Stock at least 20 days prior to the applicable date hereinafter specified a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution or rights or, if a record is not to be taken, the date as of which the holders of Common Stock of record to

be entitled to such dividend, distribution or rights are to be determined or (y) the date on which such consolidation, merger or sale is expected to become effective, and the date as of which it is expected that holders of Common Stock of record shall be entitled to exchange their shares of Common Stock for securities or other property deliverable upon such consolidation, merger or sale. Failure to give such notice, or any defect therein, shall not affect the legality or validity of such dividend, distribution, consolidation, merger or sale.

G. Voting Rights.

Holders of Series BB Preferred Stock shall have no voting rights except as required by law and as follows: in the event that any quarterly dividend payable on the Series BB Preferred Stock is in arrears, the holders of Series BB Preferred Stock shall be entitled to vote together with the holders of Common Stock at the Corporation's next meeting of shareholders and at each subsequent meeting of shareholders unless all dividends in arrears have been paid or declared and set apart for payment prior to the date of such meeting. For the purpose of this paragraph G, each holder of Series BB Preferred Stock shall be entitled to cast the number of votes equal to the number of whole shares of Common Stock into which his Series BB Preferred Stock is then convertible.

H. Reacquired Shares.

Shares of Series BB Preferred Stock converted, redeemed, or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

I. No Sinking Fund.

Shares of Series BB Preferred Stock are not subject to the operation of a sinking fund.

(d) Pursuant to the authority conferred by this Article 3, the following series of Preferred Shares have been designated, each such series consisting of such number of shares, with such voting powers and with such designations, preferences and relative,

participating, optional or other special rights, and qualifications, limitations or restrictions thereof as are stated and expressed in the exhibit with respect to such series attached hereto as specified below and incorporated herein by reference:

<u>Exhibit A</u>	Floating Rate Non-Cumulative Preferred Stock, Series E
<u>Exhibit B</u>	Floating Rate Non-Cumulative Preferred Stock, Series F
<u>Exhibit C</u>	Adjustable Rate Non-Cumulative Preferred Stock, Series G
<u>Exhibit D</u>	7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L
<u>Exhibit E</u>	Floating Rate Non-Cumulative Preferred Stock, Series 1
<u>Exhibit F</u>	Floating Rate Non-Cumulative Preferred Stock, Series 2
<u>Exhibit G</u>	Floating Rate Non-Cumulative Preferred Stock, Series 4
<u>Exhibit H</u>	Floating Rate Non-Cumulative Preferred Stock, Series 5
<u>Exhibit I</u>	Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U
<u>Exhibit J</u>	6% Non-Cumulative Perpetual Preferred Stock, Series T
<u>Exhibit K</u>	Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X
<u>Exhibit L</u>	Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z
<u>Exhibit M</u>	6.500% Non-Cumulative Preferred Stock, Series Y
<u>Exhibit N</u>	Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA
<u>Exhibit O</u>	6.200% Non-Cumulative Preferred Stock, Series CC
<u>Exhibit P</u>	Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD
<u>Exhibit Q</u>	6.000% Non-Cumulative Preferred Stock, Series EE
<u>Exhibit R</u>	Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF
<u>Exhibit S</u>	6.000% Non-Cumulative Preferred Stock, Series GG
<u>Exhibit T</u>	5.875% Non-Cumulative Preferred Stock, Series HH
<u>Exhibit U</u>	Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ
<u>Exhibit V</u>	5.375% Non-Cumulative Preferred Stock, Series KK
<u>Exhibit W</u>	5.000% Non-Cumulative Preferred Stock, Series LL

4. The address of the Corporation's registered office in the State of Delaware is Corporation Trust Center, 1209 Orange Street in the City of Wilmington, County of New Castle. The name of the Corporation's registered agent at such address is The Corporation Trust Company.

5. No holder of any stock of the Corporation of any class now or hereafter authorized shall have any preemptive right to purchase, subscribe for, or otherwise acquire any shares of shares of stock of the Corporation of any class now or hereafter authorized, or any securities exchangeable for or convertible into any such shares, or any warrants or other instruments evidencing rights or options to subscribe for, purchase or otherwise acquire any such shares whether such shares, securities, warrants or other instruments be unissued, or issued and thereafter acquired by the Corporation.

6. To the fullest extent permitted by the General Corporation Law of the State of Delaware, as the same exists or may hereafter be amended, a director of the Corporation shall not be personally liable to the Corporation, its shareholders or otherwise for monetary damage for breach of his duty as a director. Any repeal or modification of this Article shall be

prospective only and shall not adversely affect any limitation on the personal liability of a director of the Corporation existing at the time of such repeal or modification.

7. In furtherance and not in limitation of the powers conferred by law, the Board of Directors of the Corporation is expressly authorized and empowered to make, alter and repeal the Bylaws of the Corporation by a majority vote at any regular or special meeting of the Board of Directors or by written consent, subject to the power of the stockholders of the Corporation to alter or repeal any Bylaws made by the Board of Directors.

8. The Corporation reserves the right at any time from time to time to amend or repeal any provision contained in this Certificate of Incorporation, and to add any other provisions authorized by the laws of the State of Delaware at the time in force; and all rights, preferences and privileges conferred upon stockholders, directors or any other persons by and pursuant to this Certificate of Incorporation in its present form or as hereafter amended are granted subject to the rights reserved in this Article.

9. Unless and except to the extent that the Bylaws of the Corporation shall so require, the election of directors of the Corporation need not be by written ballot.

10. Any action required or permitted to be taken by the stockholders of the Corporation must be effected at a duly called annual or special meeting of stockholders of the Corporation or may be effected by consent in writing in lieu of a meeting of such stockholders only if consents are signed by all stockholders of the Corporation entitled to vote on such action.

[Signature Page Follows]

IN WITNESS WHEREOF, Bank of America Corporation has caused this Restated Certificate of Incorporation to be signed by its duly authorized officer this 27th day of December, 2019.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit A

Floating Rate Non-Cumulative Preferred Stock, Series E

CERTIFICATE OF DESIGNATIONS
OF
FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES E
OF
BANK OF AMERICA CORPORATION

Pursuant to Section 151 of the
General Corporation Law of the State of Delaware

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify that:

1. At a meeting duly convened and held on July 26, 2006, the Board of Directors of the Corporation (the "Board") duly adopted resolutions (a) authorizing the issuance and sale by the Corporation of one or more series of the Corporation's preferred stock, and (b) appointing a Committee (the "Committee") of the Board to act on behalf of the Board in establishing the number of authorized shares, the dividend rate and other powers, designations, preferences and rights of the preferred stock.

2. Thereafter, on October 30, 2006, the Committee duly adopted the following resolution by written consent:

"**RESOLVED**, that the powers, designations, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, of the Corporation's Floating Rate Non-Cumulative Preferred Stock, Series E, including those established by the Board and the number of authorized shares and dividend rate established hereby, are authorized and approved as set forth in Exhibit A hereto, which is incorporated herein by reference."

IN WITNESS WHEREOF, this Certificate of Designations is executed on behalf of the Corporation by its duly authorized officer this 3rd day of November, 2006.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

EXHIBIT A
TO
CERTIFICATE OF DESIGNATIONS
OF
FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES E
OF
BANK OF AMERICA CORPORATION

Section 1. Designation. The designation of the series of preferred stock shall be “Floating Rate Non-Cumulative Preferred Stock, Series E” (the “*Series E Preferred Stock*”). Each share of Series E Preferred Stock shall be identical in all respects to every other share of Series E Preferred Stock. Series E Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares. The number of authorized shares of Series E Preferred Stock shall be 85,100. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series E Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors of the Corporation, the Committee or any other duly authorized committee of the Board of Directors of the Corporation and by the filing of a certificate pursuant to the provisions of the General Corporation Law of the State of Delaware stating that such increase or reduction, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series E Preferred Stock.

Section 3. Definitions. As used herein with respect to Series E Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Calculation Agent*” shall mean The Bank of New York Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series E Preferred Stock.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series E Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means (a) the Corporation’s 7% Cumulative Redeemable Preferred Stock, Series B, (b) the Corporation’s 6.204% Non-Cumulative Preferred Stock, Series D and (c) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series E Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series E Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“Series E Preferred Stock” shall have the meaning set forth in Section 1 hereof.

“Telerate Page 3750” means the display page so designated on the Moneyline/Telerate Service (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying rates or prices comparable to the London Interbank Offered Rate for U.S. dollar deposits).

“Three-Month LIBOR” means, with respect to any Dividend Period, the offered rate (expressed as a percentage per annum) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Telerate Page 3750 as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “Dividend Determination Date”). If such rate does not appear on Telerate Page 3750, Three-Month LIBOR will be determined on the basis of the rates at which deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected by the Corporation, at approximately 11:00 A.M., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected by the Corporation, at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected by the Corporation to provide quotations are not quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had Series E Preferred Stock been outstanding. The calculation agent's establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series E Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) **Rate.** Holders of Series E Preferred Stock shall be entitled to receive, if, as and when declared by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation, but only out of assets legally available therefor, non-cumulative cash dividends on the liquidation preference of \$25,000 per share of Series E Preferred Stock, and no more, payable quarterly in arrears on each February 15, May 15, August 15 and November 15; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day, unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day (in either case, without any interest or other payment in respect of such delay) (each such day on which dividends are payable a “Dividend Payment Date”). The period from and including the date of issuance of the Series E Preferred Stock or any Dividend Payment Date to but excluding the next Dividend Payment Date is a “Dividend Period.” Dividends on each share of Series E Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate per annum equal to the greater of (i) Three-Month LIBOR plus a spread of 0.35% and (ii) 4.00%. The record date for payment of dividends on the Series E Preferred Stock shall be the last Business Day of the calendar month immediately preceding the month during which the Dividend Payment Date falls. The amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period.

(b) **Non-Cumulative Dividends.** Dividends on shares of Series E Preferred Stock shall be non-cumulative. To the extent that any dividends payable on the shares of Series E Preferred Stock on any Dividend Payment Date are not declared and paid, in full or otherwise, on such Dividend Payment Date, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable and the Corporation shall have no obligation to pay, and the holders of Series E Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series E Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) **Priority of Dividends.** So long as any share of Series E Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or

into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or a *pro rata* portion, of the Series E Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case unless full dividends on all outstanding shares of Series E Preferred Stock for the then-current Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series E Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series E Preferred Stock for the then-current Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series E Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a pro rate basis among the holders of the shares of Series E Preferred Stock and the holders of any Parity Stock. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series E Preferred Stock and the aggregate of the current and accrued dividends due on the Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series E Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may be declared and paid on any Junior Stock from time to time out of any assets legally available therefor, and the shares of Series E Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series E Preferred Stock shall be entitled, out of assets legally available therefor, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series E Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series E Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series E Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series E Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences plus any dividends which have been declared but not yet paid of Series E Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series E Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors of the Corporation, may redeem out of funds legally available therefor, in whole or in part, the shares of Series E Preferred Stock at the time outstanding, at any time on any Dividend Payment Date on or after the Dividend Payment Date on November 15, 2011, upon notice given as provided in Section 6(b) below. The redemption price for shares of Series E Preferred Stock shall be \$25,000 per share plus dividends that have been declared but not paid.

(b) Notice of Redemption. Notice of every redemption of shares of Series E Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series E Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series E Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series E Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series E Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series E Preferred Stock at the time outstanding, the shares of Series E Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series E Preferred Stock in proportion to the number of Series E Preferred Stock held by such holders or by lot or in such other manner as the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may determine to be fair and equitable. Subject to the provisions of this Section 6, the Board of Directors of the Corporation, the Committee or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series E Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other assets, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue after such redemption date, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series E Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraph 7(b) below or as required by Delaware law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series E Preferred Stock or any other class or series of preferred stock that ranks on parity with Series E Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b) have been conferred and are exercisable, have not been paid in an aggregate amount equal, as to any class or series, to at least six quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors of the Corporation shall be increased by two, and the holders of the Series E Preferred Stock (together with holders of any class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of the such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation’s securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors of the Corporation shall at no time include more than two such directors. Each such

director elected by the holders of shares of Series E Preferred Stock and any other class or series of preferred stock that ranks on parity with the Series E Preferred Stock as to payment of dividends is a *Preferred Director*."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series E Preferred Stock and any other class or series of our stock that ranks on parity with Series E Preferred Stock as to payment of dividends and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series E Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series E Preferred Stock and any other class or series of preferred stock that ranks on parity with Series E Preferred Stock as to payment of dividends and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting will be given in a similar manner to that provided in the Corporation's by-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series E Preferred Stock may (at our expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of our stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series E Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series E Preferred Stock and any other class or series of preferred stock that ranks on parity with Series E Preferred Stock as to payment of dividends, if any, for at least four quarterly Dividend Periods, then the right of the holders of Series E Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate and the number of directors constituting the board of directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series E Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

Section 8. Preemption and Conversion. The holders of Series E Preferred Stock shall not have any rights of preemption or rights to convert such Series E Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors of the Corporation, the Committee or any authorized committee of the Board of Directors of the Corporation, without the vote of the holders of the Series E Preferred Stock, may authorize and issue additional shares of Junior Stock, Parity Stock or any class or series of Senior Stock or any other securities ranking senior to the Series E Preferred Stock as to dividends and the distribution of assets upon any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series E Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series E Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series E Preferred Stock are not subject to the operation of a sinking fund.

Exhibit B

Floating Rate Non-Cumulative Preferred Stock, Series F

**CERTIFICATE OF DESIGNATIONS
OF
FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES F
OF
BANK OF AMERICA CORPORATION**

Pursuant to Section 151 of the
General Corporation Law of the State of Delaware

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "*Corporation*"), does hereby certify that:

1. At a meeting duly convened and held on April 26, 2006, the Board of Directors of the Corporation (the "*Board*") duly adopted resolutions (a) authorizing the issuance and sale by the Corporation of one or more series of the Corporation's preferred stock, and (b) appointing a Committee (the "*Committee*") of the Board to act on behalf of the Board in establishing the number of authorized shares, the dividend rate and other powers, designations, preferences and rights of the preferred stock.

2. Thereafter, on February 12, 2007, the Committee duly adopted the following resolution by written consent: "**RESOLVED**, that the powers, designations, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, of the Corporation's Floating Rate Non-Cumulative Preferred Stock, Series F, including those established by the Board and the number of authorized shares and dividend rate established hereby, are authorized and approved as set forth in Exhibit A hereto, which is incorporated herein by reference."

IN WITNESS WHEREOF, this Certificate of Designations is executed on behalf of the Corporation by its duly authorized officer this 15th day of February, 2007.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

EXHIBIT A
TO
CERTIFICATE OF DESIGNATIONS
OF
FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES F
OF
BANK OF AMERICA CORPORATION

Section 1. Designation. The designation of the series of preferred stock shall be “Floating Rate Non-Cumulative Preferred Stock, Series F” (the “*Series F Preferred Stock*”). Each share of Series F Preferred Stock shall be identical in all respects to every other share of Series F Preferred Stock. Series F Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares. The number of authorized shares of Series F Preferred Stock shall be 7,001. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series F Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors of the Corporation, the Committee or any other duly authorized committee of the Board of Directors of the Corporation and by the filing of a certificate pursuant to the provisions of the General Corporation Law of the State of Delaware stating that such increase or reduction, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series F Preferred Stock.

Section 3. Definitions. As used herein with respect to Series F Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Calculation Agent*” shall mean The Bank of New York Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series F Preferred Stock.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series F Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means (a) the Corporation’s 7% Cumulative Redeemable Preferred Stock, Series B, (b) the Corporation’s 6.204% Non-Cumulative Preferred Stock, Series D, (c) the Corporation’s Floating Rate Non-Cumulative Preferred Stock, Series E, (d) the Corporation’s Adjustable Rate Non-Cumulative Preferred Stock, Series G and (e) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series F Preferred Stock in the payment of dividends or in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series F Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series F Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*Telerate Page 3750*” means the display page so designated on the Moneyline/Telerate Service (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying rates or prices comparable to the London Interbank Offered Rate for U.S. dollar deposits).

“*Three-Month LIBOR*” means, with respect to any Dividend Period, the offered rate (expressed as a percentage per annum) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Telerate Page 3750 as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If such rate does not appear on Telerate Page 3750, Three-Month LIBOR will be determined on the basis of the rates at which deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected by the Corporation, at approximately 11:00 a.m., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected by the Corporation, at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected by the Corporation to provide quotations are not quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had Series F Preferred Stock been outstanding. The Calculation Agent’s establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series F Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) Rate. Holders of Series F Preferred Stock shall be entitled to receive, if, as and when declared by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation, but only out of assets legally available therefor, non-cumulative cash dividends on the liquidation preference of \$100,000 per share of Series F Preferred Stock, and no more, payable quarterly in arrears on each March 15, June 15, September 15 and December 15; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day, unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day (in either case, without any interest or other payment in respect of such delay) (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from and including the date of issuance of the Series F Preferred Stock or any Dividend Payment Date to but excluding the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series F Preferred Stock will accrue on the liquidation preference of \$100,000 per share for each Dividend Period (1) from the date of issuance to, but excluding, the Dividend Payment Date in March 2012 (if issued prior to that date) at a rate per annum equal to Three-Month LIBOR plus a spread of 0.40% and (2) thereafter at a rate per annum equal to the greater of (i) Three-Month LIBOR plus a spread of 0.40% and (ii) 4.00%. The record date for payment of dividends on the Series F Preferred Stock shall be the last Business Day of the calendar month immediately preceding the month during which the Dividend Payment Date falls. The amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period.

(b) Non-Cumulative Dividends. Dividends on shares of Series F Preferred Stock shall be non-cumulative. To the extent that any dividends payable on the shares of Series F Preferred Stock on any Dividend Payment Date are not declared and paid, in full or otherwise, on such Dividend Payment Date, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable and the Corporation shall have no obligation to pay, and the holders of Series F Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series F Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series F Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series F Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case unless full dividends on all outstanding shares of Series F Preferred Stock for the then-current Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series F Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series F Preferred Stock for the then-current Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series F Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series F Preferred Stock and the holders of any Parity Stock. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series F Preferred Stock and the aggregate of the current and accrued dividends due on the Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series F Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may be declared and paid on any Junior Stock from time to time out of any assets legally available therefor, and the shares of Series F Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series F Preferred Stock shall be entitled, out of assets legally available therefor, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series F Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$100,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series F Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series F Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series F Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences plus any dividends which have been declared but not yet paid of Series F Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series F Preferred Stock and all holders of any Parity Stock, then the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) **Optional Redemption.** The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors of the Corporation, may redeem out of funds legally available therefor, in whole or in part, the shares of Series F Preferred Stock at the time outstanding, at any time on or after the later of March 15, 2012 and the date of original issuance of the Series F Preferred Stock, upon notice given as provided in Section 6(b) below. The redemption price for shares of Series F Preferred Stock shall be \$100,000 per share plus dividends that have been declared but not paid plus accrued and unpaid dividends for the then-current Dividend Period to the redemption date.

(b) **Notice of Redemption.** Notice of every redemption of shares of Series F Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 15 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series F Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series F Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series F Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series F Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) **Partial Redemption.** In case of any redemption of only part of the shares of Series F Preferred Stock at the time outstanding, the shares of Series F Preferred Stock to be redeemed shall be selected *pro rata* from the holders of record of Series F Preferred Stock in proportion to the number of Series F Preferred Stock held by such holders or by lot or in such other manner as the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may determine to be fair and equitable. Subject to the provisions of this Section 6, the Board of Directors of the Corporation, the Committee or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series F Preferred Stock shall be redeemed from time to time.

(d) **Effectiveness of Redemption.** If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other assets, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue after such redemption date, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights. The holders of the Series F Preferred Stock will have no voting rights and will not be entitled to elect any directors, except as expressly provided by law.

Section 8. Preemption and Conversion. The holders of Series F Preferred Stock shall not have any rights of preemption or rights to convert such Series F Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors of the Corporation, the Committee or any authorized committee of the Board of Directors of the Corporation, without the vote of the holders of the Series F Preferred Stock, may authorize and issue additional shares of Junior Stock, Parity Stock or any class or series of Senior Stock or any other securities ranking senior to the Series F

Preferred Stock as to dividends and the distribution of assets upon any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series F Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series F Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series F Preferred Stock are not subject to the operation of a sinking fund.

Exhibit C

Adjustable Rate Non-Cumulative Preferred Stock, Series G

**CERTIFICATE OF DESIGNATIONS
OF
ADJUSTABLE RATE NON-CUMULATIVE PREFERRED STOCK, SERIES G
OF
BANK OF AMERICA CORPORATION**

Pursuant to Section 151 of the
General Corporation Law of the State of Delaware

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "*Corporation*"), does hereby certify that:

1. At a meeting duly convened and held on April 26, 2006, the Board of Directors of the Corporation (the "*Board*") duly adopted resolutions (a) authorizing the issuance and sale by the Corporation of one or more series of the Corporation's preferred stock, and (b) appointing a Committee (the "*Committee*") of the Board to act on behalf of the Board in establishing the number of authorized shares, the dividend rate and other powers, designations, preferences and rights of the preferred stock.

2. Thereafter, on February 12, 2007, the Committee duly adopted the following resolution by written consent:

"**RESOLVED**, that the powers, designations, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, of the Corporation's Adjustable Rate Non-Cumulative Preferred Stock, Series G, including those established by the Board and the number of authorized shares and dividend rate established hereby, are authorized and approved as set forth in Exhibit A hereto, which is incorporated herein by reference."

IN WITNESS WHEREOF, this Certificate of Designations is executed on behalf of the Corporation by its duly authorized officer this 15th day of February, 2007.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

EXHIBIT A
TO
CERTIFICATE OF DESIGNATIONS
OF
ADJUSTABLE RATE NON-CUMULATIVE PREFERRED STOCK, SERIES G
OF
BANK OF AMERICA CORPORATION

Section 1. Designation. The designation of the series of preferred stock shall be “Adjustable Rate Non-Cumulative Preferred Stock, Series G” (the “*Series G Preferred Stock*”). Each share of Series G Preferred Stock shall be identical in all respects to every other share of Series G Preferred Stock. Series G Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares. The number of authorized shares of Series G Preferred Stock shall be 8,501. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series G Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors of the Corporation, the Committee or any other duly authorized committee of the Board of Directors of the Corporation and by the filing of a certificate pursuant to the provisions of the General Corporation Law of the State of Delaware stating that such increase or reduction, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series G Preferred Stock.

Section 3. Definitions. As used herein with respect to Series G Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Calculation Agent*” shall mean The Bank of New York Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series G Preferred Stock.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series G Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means (a) the Corporation’s 7% Cumulative Redeemable Preferred Stock, Series B, (b) the Corporation’s 6.204% Non-Cumulative Preferred Stock, Series D, (c) the Corporation’s Floating Rate Non-Cumulative Preferred Stock, Series E, (d) the Corporation’s Floating Rate Non-Cumulative Preferred Stock, Series F and (e) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series G Preferred Stock in the payment of dividends or in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series G Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series G Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*Telerate Page 3750*” means the display page so designated on the Moneyline/Telerate Service (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying rates or prices comparable to the London Interbank Offered Rate for U.S. dollar deposits).

“*Three-Month LIBOR*” means, with respect to any Dividend Period, the offered rate (expressed as a percentage per annum) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Telerate Page 3750 as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If such rate does not appear on Telerate Page 3750, Three-Month LIBOR will be determined on the basis of the rates at which deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected by the Corporation, at approximately 11:00 a.m., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected by the Corporation, at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected by the Corporation to provide quotations are not quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had Series G Preferred Stock been outstanding. The Calculation Agent’s establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series G Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) Rate. Holders of Series G Preferred Stock shall be entitled to receive, if, as and when declared by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation, but only out of assets legally available therefor, non-cumulative cash dividends on the liquidation preference of \$100,000 per share of Series G Preferred Stock, and no more, payable as follows: (i) if the Series G Preferred Stock is issued prior to March 15, 2012, semi-annually in arrears on each March 15 and September 15 through March 15, 2012; and (ii) from and including the later of March 15, 2012 and the date of issuance, quarterly in arrears on each March 15, June 15, September 15 and December 15; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day, unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day (in either case, without any interest or other payment in respect of such delay) (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from and including the date of issuance of the Series G Preferred Stock or any Dividend Payment Date to but excluding the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series G Preferred Stock will accrue on the liquidation preference of \$100,000 per share for each Dividend Period (1) from the date of issuance to, but excluding, the Dividend Payment Date in March 2012 (if issued prior to that date) at a rate per annum equal to 5.63% and (2) thereafter at a rate per annum equal to the greater of (x) Three-Month LIBOR plus a spread of 0.40% and (y) 4.00%. The record date for payment of dividends on the Series G Preferred Stock shall be the last Business Day of the calendar month immediately preceding the month during which the Dividend Payment Date falls. The amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period.

(b) Non-Cumulative Dividends. Dividends on shares of Series G Preferred Stock shall be non-cumulative. To the extent that any dividends payable on the shares of Series G Preferred Stock on any Dividend Payment Date are not declared and paid, in full or otherwise, on such Dividend Payment Date, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable and the Corporation shall have no obligation to pay, and the holders of Series G Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect

to Series G Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series G Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series G Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case unless full dividends on all outstanding shares of Series G Preferred Stock for the then-current Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series G Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series G Preferred Stock for the then-current Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series G Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series G Preferred Stock and the holders of any Parity Stock. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series G Preferred Stock and the aggregate of the current and accrued dividends due on the Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series G Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may be declared and paid on any Junior Stock from time to time out of any assets legally available therefor, and the shares of Series G Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series G Preferred Stock shall be entitled, out of assets legally available therefor, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series G Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$100,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series G Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series G Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series G Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences plus any dividends which have been declared but not yet paid of Series G Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series G Preferred Stock and all holders of any Parity Stock, then the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) **Optional Redemption.** The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors of the Corporation, may redeem out of funds legally available therefor, in whole or in part, the shares of Series G Preferred Stock at the time outstanding, at any time on or after the later of March 15, 2012 and the date of original issuance of the Series G Preferred Stock, upon notice given as provided in Section 6(b) below. The redemption price for shares of Series G Preferred Stock shall be \$100,000 per share plus dividends that have been declared but not paid plus accrued and unpaid dividends for the then-current Dividend Period to the redemption date.

(b) **Notice of Redemption.** Notice of every redemption of shares of Series G Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 15 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series G Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series G Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series G Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series G Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) **Partial Redemption.** In case of any redemption of only part of the shares of Series G Preferred Stock at the time outstanding, the shares of Series G Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series G Preferred Stock in proportion to the number of Series G Preferred Stock held by such holders or by lot or in such other manner as the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may determine to be fair and equitable. Subject to the provisions of this Section 6, the Board of Directors of the Corporation, the Committee or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series G Preferred Stock shall be redeemed from time to time.

(d) **Effectiveness of Redemption.** If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other assets, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue after such redemption date, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights. The holders of the Series G Preferred Stock will have no voting rights and will not be entitled to elect any directors, except as expressly provided by law.

Section 8. Preemption and Conversion. The holders of Series G Preferred Stock shall not have any rights of preemption or rights to convert such Series G Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors of the Corporation, the Committee or any authorized committee of the Board of Directors of the Corporation, without the vote of the holders of the Series G Preferred Stock, may authorize and issue additional shares of Junior Stock, Parity Stock or any class or series of Senior Stock or any other securities ranking senior to the Series G

Preferred Stock as to dividends and the distribution of assets upon any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series G Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors of the Corporation or any duly authorized committee of the Board of Directors of the Corporation may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series G Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series G Preferred Stock are not subject to the operation of a sinking fund.

Exhibit D

7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L

**CERTIFICATE OF DESIGNATIONS
OF
7.25% NON-CUMULATIVE PERPETUAL
CONVERTIBLE PREFERRED STOCK, SERIES L
OF
BANK OF AMERICA CORPORATION**

Pursuant to Section 151 of the
General Corporation Law of the State of Delaware

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify that:

1. At meetings duly convened and held on December 11, 2007 and January 23, 2008, the Board of Directors of the Corporation (the "Board") duly adopted resolutions (a) authorizing the issuance and sale by the Corporation of one or more series of the Corporation's preferred stock, and (b) appointing a Special Committee (the "Committee") of the Board to act on behalf of the Board in establishing the number of authorized shares, the dividend rate and other powers, designations, preferences and rights of the preferred stock.

2. Thereafter, on January 28, 2008, the Committee duly adopted the following resolution by written consent:

"**RESOLVED**, that the powers, designations, preferences and relative, participating, optional or other special rights, and the qualifications, limitations or restrictions thereof, of the Corporation's 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, including those established by the Board and the number of authorized shares and dividend rate established hereby, are authorized and approved as set forth in the Certificate of Designations attached hereto as Exhibit A, which is incorporated herein and made a part of these resolutions by reference."

IN WITNESS WHEREOF, this Certificate of Designations is executed on behalf of the Corporation by its duly authorized officer this 28th day of January, 2008.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

EXHIBIT A

CERTIFICATE OF DESIGNATIONS
OF
7.25% NON-CUMULATIVE PERPETUAL
CONVERTIBLE PREFERRED STOCK, SERIES L
OF
BANK OF AMERICA CORPORATION

Section 1. Designation. The designation of the series of preferred stock shall be “7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L”, \$0.01 par value, with a liquidation preference of \$1,000 per share (the “*Series L Preferred Stock*”). Each share of Series L Preferred Stock shall be identical in all respects to every other share of Series L Preferred Stock. Series L Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares. The number of authorized shares of Series L Preferred Stock shall be 6,900,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series L Preferred Stock then outstanding) by further resolution duly adopted by the Board, the Committee or any other duly authorized committee of the Board and by the filing of a certificate pursuant to the provisions of the General Corporation Law of the State of Delaware stating that such increase or reduction, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series L Preferred Stock.

Section 3. Definitions. As used herein with respect to Series L Preferred Stock:

“*Applicable Conversion Price*” at any given time means, for each share of Series L Preferred Stock, the price equal to \$1,000 divided by the Applicable Conversion Rate in effect at such time.

“*Applicable Conversion Rate*” means the Conversion Rate in effect at any given time.

“*Base Price*” has the meaning set forth in Section 6(d)(i).

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or required by law or regulation to close in New York, New York or in Charlotte, North Carolina.

“*Closing Price*” of the Common Stock on any determination date means the closing sale price or, if no closing sale price is reported, the last reported sale price of the shares of the Common Stock on the New York Stock Exchange on such date. If the Common Stock is not traded on the New York Stock Exchange on any determination date, the Closing Price of the Common Stock on such determination date means the closing sale price as reported in the composite transactions for the principal U.S. national or regional securities exchange on which the Common Stock is so listed or quoted, or, if no closing sale price is reported, the last reported sale price on the principal U.S. national or regional securities exchange on which the Common Stock is so listed or quoted, or if the Common Stock is not so listed or quoted on a U.S. national or regional securities exchange, the last quoted bid price for the Common Stock in the over-the-counter market as reported by Pink Sheets LLC or a similar organization, or, if that bid price is not available, the market price of the Common Stock on that date as determined by a nationally recognized independent investment banking firm retained by the Corporation for this purpose.

For purposes of this Certificate of Designations, all references herein to the “Closing Price” and “last reported sale price” of the Common Stock on the New York Stock Exchange shall be such closing sale price and last reported sale price as reflected on the website of the New York Stock Exchange (<http://www.nyse.com>) and as reported by Bloomberg Professional Service; *provided* that in the event that there is a discrepancy between the closing sale price or last reported sale price as reflected on the website of the New York Stock Exchange and as reported by Bloomberg Professional Service, the closing sale price and last reported sale price on the website of the New York Stock Exchange will govern.

“*Common Stock*” means the common stock, \$0.01 par value, of the Corporation.

“*Conversion Agent*” shall mean Computershare Trust Company, N.A. and Computershare Inc. collectively acting in their capacity as conversion agent for the Series L Preferred Stock, and their respective successors and assigns.

“*Conversion Date*” has the meaning set forth in Section 6(a)(v)(B).

“*Conversion Rate*” means for each share of Series L Preferred Stock, 20 shares of Common Stock, plus cash in lieu of fractional shares, subject to adjustment as set forth herein.

“*Current Market Price*” of the Common Stock on any day, means the average of the VWAP of the Common Stock over each of the ten consecutive Trading Days ending on the earlier of the day in question and the day before the Ex-Date or other specified date with respect to the issuance or distribution requiring such computation, appropriately adjusted to take into account the occurrence during such period of any event described in Section 7(a) (i) through (vi).

“*Depository*” means DTC or its nominee or any successor depository appointed by the Corporation.

“*Dividend Payment Date*” has the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” has the meaning set forth in Section 4(a) hereof.

“*Dividend Threshold Amount*” has the meaning set forth in Section 7(a)(v).

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Exchange Act*” means the Securities Exchange Act of 1934, as amended.

“*Exchange Property*” has the meaning set forth in Section 8(a).

“*Ex-Date*,” when used with respect to any issuance or distribution, means the first date on which the Common Stock or other securities trade without the right to receive the issuance or distribution.

“*Fundamental Change*” has the meaning set forth in Section 6(d)(i).

“*Holder*” means the Person in whose name the shares of Series L Preferred Stock are registered, which may be treated by the Corporation, Transfer Agent, Registrar, paying agent and Conversion Agent as the absolute owner of the shares of Series L Preferred Stock for the purpose of making payment and settling conversions and for all other purposes.

“*Junior Stock*” means the Common Stock and any other class or series of capital stock of the Corporation over which Series L Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Make-Whole Acquisition*” means the occurrence, prior to any Conversion Date, of one of the following:

(a) a “person” or “group” within the meaning of Section 13(d) of the Exchange Act files a Schedule TO or any schedule, form, or report under the Exchange Act disclosing that such person or group has become the direct or indirect ultimate “beneficial owner,” as defined in Rule 13d-3 under the Exchange Act, of common equity of the Corporation representing more than 50% of the voting power of the Common Stock; or

(b) consummation of the Corporation’s consolidation or merger or similar transaction or any sale, lease, or other transfer in one transaction or a series of related transactions of all or substantially all of the Corporation’s and the Corporation’s subsidiaries’ consolidated assets, taken as a whole, to any Person other than one of the Corporation’s subsidiaries, in each case pursuant to which the Common Stock will be converted into cash, securities, or other property, other than pursuant to a transaction in which the persons that “beneficially owned” (as defined in Rule 13d-3 under the Exchange Act) directly or indirectly, voting shares immediately prior to such transaction beneficially own, directly or indirectly, voting shares representing a majority of the total voting power of all outstanding classes of voting shares of the continuing or surviving person immediately after the transaction; *provided, however* that a Make-Whole Acquisition will not be deemed to have occurred if at least 90% of the consideration received by holders of the Common Stock in the transaction or transactions consists of shares of common stock or American Depositary Receipts in respect of common stock that are traded on a U.S. national securities exchange or securities exchange in the European Economic Area or that will be so traded when issued or exchanged in connection with a Make-Whole Acquisition.

“*Make-Whole Acquisition Conversion*” has the meaning set forth in Section 6(c)(i).

“*Make-Whole Acquisition Conversion Period*” has the meaning set forth in Section 6(c)(i).

“*Make-Whole Acquisition Effective Date*” has the meaning set forth in Section 6(c)(i).

“*Make-Whole Acquisition Stock Price*” means the price paid per share of Common Stock in the event of a Make-Whole Acquisition. If the holders of shares of Common Stock receive only cash in the Make-Whole Acquisition, the Make-Whole Acquisition Stock Price will be the cash amount paid per share of Common Stock. Otherwise, the Make-Whole Acquisition Stock Price shall be the average of the Closing Price per share of Common Stock on the ten Trading Days up to, but not including, the Make-Whole Acquisition Effective Date.

“*Make-Whole Shares*” has the meaning set forth in Section 6(c)(i).

“*Nonpayment*” has the meaning set forth in Section 11(b)(i).

“*Notice of Optional Conversion*” has the meaning set forth in Section 6(b)(iii).

“*Optional Conversion Date*” has the meaning set forth in Section 6(b)(iii).

“*Parity Stock*” means (a) the Corporation’s 7% Cumulative Redeemable Preferred Stock, Series B, (b) the Corporation’s 6.204% Non-Cumulative Preferred Stock, Series D, (c) the Corporation’s Floating Rate Non-Cumulative Preferred Stock, Series E, (d) the Corporation’s Floating Rate Non-Cumulative Preferred Stock, Series F (if and when issued and outstanding), (e) the Corporation’s Adjustable Rate Non-Cumulative Preferred Stock, Series G (if and when issued and outstanding), (f) the Corporation’s 6.625% Non-Cumulative Preferred Stock, Series I, (g) the Corporation’s 7.25% Non-Cumulative Preferred Stock, Series J, (h) the Corporation’s Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K (if and when issued and outstanding) and (i) any other class or series of capital stock of the Corporation hereafter authorized that ranks on par with the Series L Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Person*” means a legal person, including any individual, corporation, estate, partnership, joint venture, association, joint- stock company, limited liability company or trust.

“*Preferred Director*” has the meaning set forth in Section 11(b)(i).

“*Purchased Shares*” has the meaning set forth in Section 7(a)(vi).

“*Reference Price*” means the price paid per share of Common Stock in the event of a Fundamental Change. If the holders of shares of Common Stock receive only cash in the Fundamental Change, the Reference Price shall be the cash amount paid per share. Otherwise, the Reference Price will be the average of the Closing Price per share of Common Stock on the ten Trading Days up to, but not including, the effective date of the Fundamental Change.

“*Reorganization Event*” has the meaning set forth in Section 8.

“*Registrar*” means Computershare Trust Company, N.A. or its nominee or any successor or registrar appointed by the Corporation.

“*Senior Stock*” means any class or series of capital stock of the Corporation authorized which has preference or priority over the Series L Preferred Stock as to the payment of dividends or in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Series L Preferred Stock*” has the meaning set forth in Section 1.

“*spin-off*” has the meaning set forth in Section 7(a)(iv).

“*Trading Day*” for purposes of determining the VWAP or Closing Price means a day on which the shares of Common Stock:

- (a) are not suspended from trading on any national or regional securities exchange or association or over-the- counter market at the close of business; and
- (b) have traded at least once on the national or regional securities exchange or association or over-the-counter market that is the primary market for the trading of the Common Stock.

“*Transfer Agent*” means Computershare Trust Company, N.A. acting as Transfer Agent, Registrar, and Conversion Agent for the Series L Preferred Stock, and its successors and assigns.

“Voting Parity Securities” has the meaning set forth in Section 11(b)(i).

“VWAP” means, per share of the Common Stock on any Trading Day, the per share volume-weighted average price as displayed under the heading “Bloomberg VWAP” on Bloomberg page “BAC UN <equity> AQR” (or its equivalent successor if such page is not available) in respect of the period from the open of trading on the relevant Trading Day until the close of trading on the relevant Trading Day (or if such volume-weighted average price is unavailable, the market price of one share of the Common Stock on such trading days determined, using a volume-weighted average method, by a nationally recognized investment banking firm (unaffiliated with the Corporation) retained for this purpose by the Corporation).

Section 4. Dividends.

(a) Rate. Holders of Series L Preferred Stock shall be entitled to receive, when, as and if declared by the Board or any duly authorized committee of the Board, but only out of assets legally available under Delaware law for payment, non-cumulative cash dividends on the liquidation preference of \$1,000 per share of Series L Preferred Stock, and no more, payable quarterly in arrears on each January 30, April 30, July 30 and October 30 of each year, beginning on April 30, 2008; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day, unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day (in either case, without any interest or other payment in respect of such delay) (each such day on which dividends are payable a “Dividend Payment Date”). The period from and including the date of issuance of the Series L Preferred Stock or any Dividend Payment Date to but excluding the next Dividend Payment Date is a “Dividend Period”. Dividends on each share of Series L Preferred Stock will accrue on the liquidation preference of \$1,000 per share at a rate per annum equal to 7.25%. The record date for payment of dividends on the Series L Preferred Stock shall be the first day of the calendar month in which the relevant Dividend Payment Date falls. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation will be rounded to the nearest cent, with one-half cent being rounded upward. Dividends on the Series L Preferred Stock will cease to accrue after conversion, as described below. If the Corporation issues additional shares of the Series L Preferred Stock, dividends on those additional shares will accrue from the preceding scheduled Dividend Payment Date at the dividend rate.

(b) Non-Cumulative Dividends. Dividends on shares of Series L Preferred Stock shall be non-cumulative. Accordingly, if for any reason the Board or a duly authorized committee of the Board does not declare a dividend on the Series L Preferred Stock for a Dividend Period prior to the related Dividend Payment Date, that dividend will not accrue, and the Corporation will have no obligation to pay a dividend for that Dividend Period on the Dividend Payment Date or at any time in the future, whether or not the Board or a duly authorized committee of the Board declares a dividend on the Series L Preferred Stock or any other series of the Corporation’s preferred stock or Common Stock for any future Dividend Period.

(c) Dividend Stopper. So long as any share of Series L Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared and made or set aside for payment on any Junior Stock (other than a dividend payable solely in shares of Junior Stock), (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock will be repurchased, redeemed, or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series L Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, during a Dividend Period, unless, in each case, the full dividends for the then-current Dividend Period on all outstanding shares of Series L Preferred Stock have been declared and paid or declared and a sum sufficient for the payment of those dividends has been set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation’s Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreements) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series L Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series L Preferred Stock for the then-current Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series L Preferred Stock and on any Parity Stock but does not make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series L Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series L Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. The Corporation is not obligated to and will not pay Holders of the Series L

Preferred Stock any interest or sum of money in lieu of interest on any dividend not paid on a Dividend Payment Date. The Corporation is not obligated to and will not pay Holders of the Series L Preferred Stock any dividend in excess of the dividends on the Series L Preferred Stock that are payable as described herein. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board or any duly authorized committee of the Board may be declared and paid on any Junior Stock from time to time out of any assets legally available therefor, and the shares of Series L Preferred Stock shall not be entitled to participate in any such dividend

Section 5. Right to Convert. Each Holder shall have the right, at such Holder's option, at any time, to convert all or any portion of such Holder's Series L Preferred Stock into shares of Common Stock at the Applicable Conversion Rate (subject to the conversion procedures set forth in Section 6 herein) plus cash in lieu of fractional shares.

Section 6. Conversion.

(a) Conversion Procedures.

(i) Effective immediately prior to the close of business on the Optional Conversion Date or any applicable Conversion Date, dividends shall no longer be declared on any converted shares of Series L Preferred Stock and such shares of Series L Preferred Stock shall cease to be outstanding, in each case, subject to the right of Holders to receive any declared and unpaid dividends on such shares and any other payments to which they are otherwise entitled pursuant to Section 5, Section 6 (b), Section 6(c), Section 6(d), Section 8 or Section 12 hereof, as applicable.

(ii) Prior to the close of business on the Optional Conversion Date or any applicable Conversion Date, shares of Common Stock issuable upon conversion of, or other securities issuable upon conversion of, any shares of Series L Preferred Stock shall not be deemed outstanding for any purpose, and Holders shall have no rights with respect to the Common Stock or other securities issuable upon conversion (including voting rights, rights to respond to tender offers for the Common Stock and rights to receive any dividends or other distributions on the Common Stock or other securities issuable upon conversion) by virtue of holding shares of Series L Preferred Stock.

(iii) Shares of Series L Preferred Stock duly converted in accordance with the terms hereof, or otherwise reacquired by the Corporation, will resume the status of authorized and unissued preferred stock, undesignated as to series and available for future issuance. The Corporation may from time-to-time take such appropriate action as may be necessary to reduce the authorized number of shares of Series L Preferred Stock.

(iv) The Person or Persons entitled to receive the Common Stock and/or securities issuable upon conversion of Series L Preferred Stock shall be treated for all purposes as the record holder(s) of such shares of Common Stock and/or securities as of the close of business on the Optional Conversion Date or any applicable Conversion Date. In the event that a Holder shall not by written notice designate the name in which shares of Common Stock and/or cash, securities or other property (including payments of cash in lieu of fractional shares) to be issued or paid upon conversion of shares of Series L Preferred Stock should be registered or paid or the manner in which such shares should be delivered, the Corporation shall be entitled to register and deliver such shares, and make such payment, in the name of the Holder and in the manner shown on the records of the Corporation or, in the case of global certificates, through book-entry transfer through the Depository.

(v) Conversion into shares of Common Stock will occur on the Optional Conversion Date or any applicable Conversion Date as follows:

(A) On the Optional Conversion Date, certificates representing shares of Common Stock shall be issued and delivered to Holders or their designee upon presentation and surrender of the certificate evidencing the Series L Preferred Stock to the Conversion Agent if shares of the Series L Preferred Stock are held in certificated form, and, if required, the furnishing of appropriate endorsements and transfer documents and the payment of all transfer and similar taxes. If a Holder's interest is a beneficial interest in a global certificate representing Series L Preferred Stock, a book-entry transfer through the Depository will be made by the Conversion Agent upon compliance with the Depository's procedures for converting a beneficial interest in a global security.

(B) On the date of any conversion at the option of Holders pursuant to Section 5, Section 6(b), Section 6(c) or Section 6(d), if a Holder's interest is in certificated form, a Holder must do each of the following in order to convert:

- (1) complete and manually sign the conversion notice provided by the Conversion Agent, or a facsimile of the conversion notice, and deliver this irrevocable notice to the Conversion Agent;
- (2) surrender the shares of Series L Preferred Stock to the Conversion Agent;
- (3) if required, furnish appropriate endorsements and transfer documents;
- (4) if required, pay all transfer or similar taxes; and

(5) if required, pay funds equal to any declared and unpaid dividend payable on the next Dividend Payment Date to which such Holder is entitled.

If a Holder's interest is a beneficial interest in a global certificate representing Series L Preferred Stock, in order to convert a Holder must comply with paragraphs (3) through (5) listed above and comply with the Depository's procedures for converting a beneficial interest in a global security.

The date on which a Holder complies with the procedures in this clause (v) is the "Conversion Date."

(C) The Conversion Agent shall, on a Holder's behalf, convert the Series L Preferred Stock into shares of Common Stock, in accordance with the terms of the notice delivered by such Holder described in clause (B) above. If the Conversion Date is prior to the record date relating to any declared dividend for the Dividend Period in which a Holder elects to convert, the Holder will not receive any declared dividends for that Dividend Period. If the Conversion Date is after the record date relating to any declared dividend and prior to the Dividend Payment Date, the Holder will receive that dividend on the relevant Dividend Payment Date if the Holder was the holder of record on the record date for that dividend. However, if the Conversion Date is after the record date and prior to the Dividend Payment Date, whether or not the Holder was the holder of record on the record date, the Holder must pay to the Conversion Agent when it converts its shares of Series L Preferred Stock an amount in cash equal to the full dividend actually paid on the Dividend Payment Date for the then-current Dividend Period on the shares of Series L Preferred Stock being converted, unless the Holder's shares of Series L Preferred Stock are being converted as a result of a conversion pursuant to Section 6(b), Section 6(c) or Section 6(d).

(b) Conversion at the Corporation's Option.

(i) On or after January 30, 2013, the Corporation may, at its option, at any time or from time to time, cause some or all of the Series L Preferred Stock to be converted into shares of Common Stock at the then-Applicable Conversion Rate if, for 20 Trading Days during any period of 30 consecutive Trading Days the Closing Price of the Common Stock exceeds 130% of the then-Applicable Conversion Price of the Series L Preferred Stock. If the Corporation exercises its optional conversion right on January 30, 2013, it will still pay any dividend payable (in accordance with Section 4) on January 30, 2013 to the applicable Holders of record. The Corporation will provide notice of its optional conversion within five Trading Days of the end of the 30 consecutive Trading Day period.

(ii) If the Corporation elects to cause less than all of the Series L Preferred Stock to be converted under clause (i) above, the Conversion Agent will select the Series L Preferred Stock to be converted by lot, or on a *pro rata* basis or by another method the Conversion Agent considers fair and appropriate, including any method required by DTC or any successor depository (so long as such method is not prohibited by the rules of any stock exchange or quotation association on which the Series L Preferred Stock is then traded or quoted). If the Conversion Agent selects a portion of a Holder's Series L Preferred Stock for partial conversion at the Corporation's option and such Holder converts a portion of its shares of Series L Preferred Stock, the converted portion will be deemed to be from the portion selected for conversion at the Corporation's option under this Section 6(b).

(iii) If the Corporation exercises the optional conversion right described in this Section 6(b), the Corporation shall provide notice of such conversion by first class mail to each Holder of record for the shares of Series L Preferred Stock to be converted (such notice a "Notice of Optional Conversion") or issue a press release for publication and make this information available on its website. The Conversion Date shall be a date selected by the Corporation (the "Optional Conversion Date"), and the Notice of Optional Conversion must be mailed, or the Corporation must issue the press release, not more than 20 days prior to the Optional Conversion Date. In addition to any information required by applicable law or regulation, the Notice of Optional Conversion or press release shall state, as appropriate:

(A) the Optional Conversion Date;

(B) the aggregate number of shares of Series L Preferred Stock to be converted and, if less than all of the shares of Series L Preferred Stock are to be converted, the percentage of shares of Series L Preferred Stock to be converted; and

(C) the number of shares of Common Stock to be issued upon conversion of each share of Series L Preferred Stock.

(c) Conversion Upon Make-Whole Acquisition.

(i) In the event of a Make-Whole Acquisition, each Holder shall have the option to convert its shares of Series L Preferred Stock (a "Make-Whole Acquisition Conversion") during the period (the "Make-Whole Acquisition Conversion Period") beginning on the effective date of the Make-Whole Acquisition (the "Make-Whole Acquisition Effective Date") and ending on the date that is 30 days after the Make-Whole Acquisition Effective Date and receive an additional number of shares of Common Stock (the "Make-Whole Shares") as set forth in clause (ii) below.

(ii) The number of Make-Whole Shares per share of Series L Preferred Stock shall be determined by reference to the table below for the applicable Make-Whole Acquisition Effective Date and the applicable Make-Whole Acquisition Stock Price:

<u>Effective Date</u>	<u>\$40.00</u>	<u>\$41.00</u>	<u>\$42.00</u>	<u>\$44.00</u>	<u>\$47.00</u>	<u>\$50.00</u>	<u>\$60.00</u>	<u>\$80.00</u>	<u>\$110.00</u>	<u>\$150.00</u>	<u>\$200.00</u>
1/24/2008	5.000	4.7993	4.6190	4.2023	3.6851	3.2540	2.1450	1.0450	0.5164	0.2765	0.1468
1/30/2009	5.000	4.7512	4.4643	4.1386	3.5702	3.1760	2.0317	0.9563	0.4682	0.2480	0.1285
1/30/2010	5.000	4.6439	4.2929	3.9886	3.3830	2.9300	1.7617	0.6462	0.2287	0.1033	0.0390
1/30/2011	5.000	4.6049	4.2429	3.9250	3.3170	2.8040	1.5650	0.5300	0.1964	0.1067	0.0500
1/30/2012	5.000	4.5780	4.2405	3.8386	3.2596	2.5840	1.2667	0.2313	0.0755	0.0429	0.0206
1/30/2013	5.000	4.5366	4.2214	3.7932	3.1660	2.5260	1.0217	0.0000	0.0000	0.0000	0.0000
Thereafter	5.000	4.5366	4.2214	3.7932	3.1660	2.5260	1.0217	0.0000	0.0000	0.0000	0.0000

(A) The exact Make-Whole Acquisition Stock Prices and Make-Whole Acquisition Effective Dates may not be set forth in the table, in which case:

(1) if the Make-Whole Acquisition Stock Price is between two Make-Whole Acquisition Stock Price amounts in the table or the Make-Whole Acquisition Effective Date is between two dates in the table, the number of Make-Whole Shares will be determined by straight-line interpolation between the number of Make-Whole Shares set forth for the higher and lower Make-Whole Acquisition Stock Price amounts and the two Make-Whole Acquisition Effective Dates, as applicable, based on a 365-day year;

(2) if the Make-Whole Acquisition Stock Price is in excess of \$200.00 per share (subject to adjustment pursuant to Section 7 hereof), no Make-Whole Shares will be issued upon conversion of the Series L Preferred Stock; and

(3) if the Make-Whole Acquisition Stock Price is less than \$40.00 per share (subject to adjustment pursuant to Section 7 hereof), no Make-Whole Shares will be issued upon conversion of the Series L Preferred Stock.

(B) The Make-Whole Acquisition Stock Prices set forth in the table above are subject to adjustment pursuant to Section 7 hereof and shall be adjusted as of any date the Conversion Rate is adjusted. The adjusted Make-Whole Acquisition Stock Prices will equal the Make-Whole Acquisition Stock Prices applicable immediately prior to such adjustment multiplied by a fraction, the numerator of which is the Conversion Rate immediately prior to the adjustment giving rise to the Make-Whole Acquisition Stock Prices adjustment and the denominator of which is the Conversion Rate as so adjusted. Each of the number of Make-Whole Shares in the table shall also be subject to adjustment in the same manner as the Conversion Rate pursuant to Section 7.

(iii) On or before the twentieth day prior to the date the Corporation anticipates being the effective date for the Make-Whole Acquisition, a written notice shall be sent by or on behalf of the Corporation, by first-class mail, postage prepaid, to the Holders as they appear in the records of the Corporation. Such notice shall contain:

(A) the anticipated effective date of the Make-Whole Acquisition; and

(B) the date, which shall be 30 days after the anticipated Make-Whole Acquisition Effective Date, by which a Make-Whole Acquisition Conversion must be exercised.

(iv) On the Make-Whole Acquisition Effective Date, another written notice shall be sent by or on behalf of the Corporation, by first-class mail, postage prepaid, to the Holders as they appear in the records of the Corporation. Such notice shall contain:

(A) the date that shall be 30 days after the Make-Whole Acquisition Effective Date;

(B) the number of Make-Whole Shares;

(C) the amount of cash, securities and other consideration receivable by a Holder of Series L Preferred Stock upon conversion; and

(D) the instructions a Holder must follow to exercise its conversion option in connection with such Make-Whole Acquisition.

(v) To exercise a Make-Whole Acquisition Conversion option, a Holder must, no later than 5:00 p.m., New York City time on or before the date by which the Make-Whole Acquisition Conversion option must be exercised as specified in the notice delivered under clause (iv) above, comply with the procedures set forth in Section 6(a)(v)(B).

(vi) If a Holder does not elect to exercise the Make-Whole Acquisition Conversion option pursuant to this Section 6(c), the shares of Series L Preferred Stock or successor security held by it will remain outstanding, and the Holder will not be eligible to receive Make-Whole Shares.

(vii) Upon a Make-Whole Acquisition Conversion, the Conversion Agent shall, except as otherwise provided in the instructions provided by the Holder thereof in the written notice provided to the Corporation or its successor as set forth in Section 6(a)(iv) above, deliver to the Holder such cash, securities or other property as are issuable with respect to Make-Whole Shares in the Make-Whole Acquisition.

(viii) In the event that a Make-Whole Acquisition Conversion is effected with respect to shares of Series L Preferred Stock or a successor security representing less than all the shares of Series L Preferred Stock or a successor security held by a Holder, upon such Make-Whole Acquisition Conversion the Corporation or its successor shall execute and the Conversion Agent shall, unless otherwise instructed in writing, countersign and deliver to the Holder thereof, at the expense of the Corporation or its successors, a certificate evidencing the shares of Series L Preferred Stock or such successor security held by the Holder as to which a Make-Whole Acquisition Conversion was not effected.

(d) Conversion Upon Fundamental Change.

(i) In lieu of receiving the Make-Whole Shares, if the Reference Price in connection with a Make-Whole Acquisition is less than the Applicable Conversion Price (a "*Fundamental Change*"), a Holder may elect to convert each share of Series L Preferred Stock during the period beginning on the effective date of the Fundamental Change and ending on the date that is 30 days after the effective date of such Fundamental Change at an adjusted conversion price equal to the greater of (1) the Reference Price and (2) \$19.95, subject to adjustment as described in clause (ii) below (the "*Base Price*"). If the Reference Price is less than the Base Price, Holders will receive a maximum of 50.1253 shares of Common Stock per share of Series L Preferred Stock converted, subject to adjustment as described in clause (ii) below.

(ii) The Base Price shall be adjusted as of any date the Conversion Rate of the Series L Preferred Stock is adjusted pursuant to Section 7. The adjusted Base Price shall equal the Base Price applicable immediately prior to such adjustment multiplied by a fraction, the numerator of which is the Conversion Rate immediately prior to the adjustment giving rise to the Conversion Rate adjustment and the denominator of which is the Conversion Rate as so adjusted.

(iii) In lieu of issuing Common Stock upon conversion in the event of a Fundamental Change, the Corporation may at its option, and if it obtains Federal Reserve Board approval, pay an amount in cash (computed to the nearest cent) equal to the Reference Price for each share of Common Stock otherwise issuable upon conversion.

(iv) On or before the twentieth day prior to the date the Corporation anticipates being the effective date for the Fundamental Change, a written notice shall be sent by or on behalf of the Corporation, by first-class mail, postage prepaid, to the Holders as they appear in the records of the Corporation. Such notice shall contain:

(A) the anticipated effective date of the Fundamental Change; and

(B) the date, which shall be 30 days after the anticipated effective date of a Fundamental Change, by which a Fundamental Change conversion must be exercised.

(v) On the effective date of a Fundamental Change, another written notice shall be sent by or on behalf of the Corporation, by first-class mail, postage prepaid, to the Holders as they appear in the records of the Corporation. Such notice shall contain:

(A) the date that shall be 30 days after the effective date of the Fundamental Change;

(B) the adjusted conversion price following the Fundamental Change;

(C) the amount of cash, securities and other consideration received by a Holder of Series L Preferred Stock upon conversion; and

(D) the instructions a Holder must follow to exercise its conversion option in connection with such Fundamental Change.

(vi) To exercise its conversion option upon a Fundamental Change, a Holder must, no later than 5:00 p.m., New York City time on or before the date by which the conversion option upon the Fundamental Change must be exercised as specified in the notice delivered under clause (v) above, comply with the procedures set forth in Section 6(a)(v)(B) and indicate that it is exercising the Fundamental Change conversion option.

(vii) If a Holder does not elect to exercise its conversion option upon a Fundamental Change pursuant to this Section 6(d), the Holder will not be eligible to convert such Holder's shares at the Base Price and such Holder's shares of Series L Preferred Stock or successor security held by it will remain outstanding.

(viii) Upon a conversion upon a Fundamental Change, the Conversion Agent shall, except as otherwise provided in the instructions provided by the Holder thereof in the written notice provided to the Corporation or its successor as set forth in Section 6(a)(iv) above, deliver to the Holder such cash, securities or other property as are issuable with respect to the adjusted conversion price following the Fundamental Change.

(ix) In the event that a conversion upon a Fundamental Change is effected with respect to shares of Series L Preferred Stock or a successor security representing less than all the shares of Series L Preferred Stock or a successor security held by a Holder, upon such conversion the Corporation or its successor shall execute and the Conversion Agent shall, unless otherwise instructed in writing, countersign and deliver to the Holder thereof, at the expense of the Corporation, a certificate evidencing the shares of Series L Preferred Stock or such successor security held by the Holder as to which a conversion upon a Fundamental Change was not effected.

Section 7. Anti-Dilution Adjustments.

(a) The Conversion Rate shall be subject to the following adjustments.

(i) **Stock Dividend Distributions.** If the Corporation pays dividends or other distributions on the Common Stock in shares of Common Stock, then the Conversion Rate in effect immediately following the record date for such dividend or distribution will be multiplied by the following fraction:

$$\frac{OS_1}{OS_0}$$

Where,

OS_0 = the number of shares of Common Stock outstanding immediately prior to the Ex-Date for such dividend or distribution.

OS_1 = the sum of the number of shares of Common Stock outstanding immediately prior to the Ex-Date for such dividend or distribution plus the total number of shares of Common Stock constituting such dividend.

Notwithstanding the foregoing, no adjustment will be made for the issuance of the Common Stock as a dividend or distribution to all holders of Common Stock that is made in lieu of quarterly dividends or distributions to such holders, to the extent such dividend or distribution does not exceed the dividend threshold amount defined in clause (v) below. For purposes of this paragraph, the amount of any dividend or distribution will equal the number of shares being issued multiplied by the average VWAP of the Common Stock over each of the five consecutive Trading Days prior to the record date for such distribution.

(ii) **Subdivisions, Splits, and Combination of the Common Stock** If the Corporation subdivides, splits, or combines the shares of Common Stock, then the Conversion Rate in effect immediately following the effective date of such share subdivision, split, or combination will be multiplied by the following fraction:

$$\frac{OS_1}{OS_0}$$

Where,

OS_0 = the number of shares of Common Stock outstanding immediately prior to the effective date of such share subdivision, split, or combination.

OS_1 = the number of shares of Common Stock outstanding immediately after the opening of business on the effective date of such share subdivision, split, or combination.

(iii) **Issuance of Stock Purchase Rights.** If the Corporation issues to all holders of the shares of Common Stock rights or warrants (other than rights or warrants issued pursuant to a dividend reinvestment plan or share purchase plan or other similar plans) entitling them, for a period of up to 60 days from the date of issuance of such rights or warrants, to subscribe for or purchase the shares of Common Stock (or securities convertible into shares of Common Stock) at less than (or having a conversion price per share less than) the Current Market Price on the date fixed for the determination of stockholders entitled to receive such rights or warrants, then the Conversion Rate in effect immediately following the close of business on the record date for such distribution will be multiplied by the following fraction:

$$\frac{OS_0 + X}{OS_0 + Y}$$

Where,

OS_0 = the number of shares of Common Stock outstanding at the close of business on the record date for such distribution.

X = the total number of shares of Common Stock issuable pursuant to such rights or warrants (or upon conversion of such securities).

Y = the number of shares of Common Stock equal to the aggregate price payable to exercise such rights or warrants (or the conversion price for such securities) divided by the Current Market Price.

To the extent that such rights or warrants are not exercised prior to their expiration or shares of Common Stock are otherwise not delivered pursuant to such rights or warrants upon the exercise of such rights or warrants, the Conversion Rate shall be readjusted to such Conversion Rate that would then be in effect had the adjustment made upon the issuance of such rights or warrants been made on the basis of the delivery of only the number of shares of Common Stock actually delivered. In determining the aggregate offering price payable for such shares of Common Stock, the Conversion Agent will take into account any consideration received for such rights or warrants and the value of such consideration (if other than cash, to be determined by the Board).

(iv) **Debt or Asset Distributions.** If the Corporation distributes to all holders of shares of Common Stock evidences of indebtedness, shares of capital stock (other than Common Stock), securities, or other assets (excluding any dividend or distribution referred to in clauses (i) or (ii) above, any rights or warrants referred to in clause (iii) above, any

dividend or distribution paid exclusively in cash, any consideration payable in connection with a tender or exchange offer made by the Corporation or any of its subsidiaries, and any dividend of shares of capital stock of any class or series, or similar equity interests, of or relating to a subsidiary or other business unit in the case of certain spin-off transactions as described below), then the Conversion Rate in effect immediately following the close of business on the record date for such distribution will be multiplied by the following fraction:

$$\frac{SP_0}{SP_0 - FMV}$$

Where,

SP₀ = the Current Market Price per share of Common Stock on the Ex-Date.

FMV = the fair market value of the portion of the distribution applicable to one share of Common Stock on the date immediately preceding the Ex-Date as determined by the Board.

In a spin-off, where the Corporation makes a distribution to all holders of shares of Common Stock consisting of capital stock of any class or series, or similar equity interests of, or relating to, a subsidiary or other business unit, the Conversion Rate will be adjusted on the fifteenth Trading Day after the effective date of the distribution by multiplying such Conversion Rate in effect immediately prior to such fifteenth Trading Day by the following fraction:

$$\frac{MP_0 + MP_s}{MP_0}$$

Where,

MP₀ = the average of the VWAP of the Common Stock over each of the first ten Trading Days commencing on and including the fifth Trading Day following the effective date of such distribution.

MP_s = the average of the VWAP of the capital stock or equity interests representing the portion of the distribution applicable to one share of Common Stock over each of the first ten Trading Days commencing on and including the fifth Trading Day following the effective date of such distribution, or, if not traded on a national or regional securities exchange or over-the-counter market, the fair market value of the capital stock or equity interests representing the portion of the distribution applicable to one share of Common Stock on such date as determined by the Board.

(v) **Cash Distributions.** If the Corporation makes a distribution consisting exclusively of cash to all holders of the Common Stock, excluding (a) any cash dividend on the Common Stock to the extent that the aggregate cash dividend per share of the Common Stock does not exceed \$0.64 in any fiscal quarter (the “*Dividend Threshold Amount*”), (b) any cash that is distributed in a Reorganization Event or as part of a spin-off referred to in clause (iv) above, (c) any dividend or distribution, in connection with the Corporation’s liquidation, dissolution, or winding up, and (d) any consideration payable in connection with

a tender or exchange offer made by the Corporation or any of its subsidiaries, then in each event, the Conversion Rate in effect immediately following the record date for such distribution will be multiplied by the following fraction:

$$\frac{SP_0}{SP_0 - DIV}$$

Where,

SP_0 = the VWAP per share of Common Stock on the Trading Day immediately preceding the Ex-Date.

DIV = the cash amount per share of Common Stock of the dividend or distribution, as determined pursuant to the following paragraph.

If an adjustment is required to be made as set forth in this clause as a result of a distribution (1) that is a regularly scheduled quarterly dividend, such adjustment would be based on the amount by which such dividend exceeds the Dividend Threshold Amount or (2) that is not a regularly scheduled quarterly dividend, such adjustment would be based on the full amount of such distribution.

The Dividend Threshold Amount is subject to adjustment on an inversely proportional basis whenever the Conversion Rate is adjusted; *provided* that no adjustment will be made to the Dividend Threshold Amount for any adjustment made to the Conversion Rate pursuant to this clause (v).

(vi) **Self-Tender Offers and Exchange Offers** If the Corporation or any of its subsidiaries successfully completes a tender or exchange offer for the Common Stock where the cash and the value of any other consideration included in the payment per share of the Common Stock exceeds the VWAP per share of the Common Stock on the Trading Day immediately succeeding the expiration of the tender or exchange offer, then the Conversion Rate in effect at the close of business on such immediately succeeding Trading Day will be multiplied by the following fraction:

$$\frac{AC + (SP_0 \times OS_1)}{OS_0 \times SP_0}$$

Where,

SP_0 = the VWAP per share of Common Stock on the Trading Day immediately succeeding the expiration of the tender or exchange offer.

OS_0 = the number of shares of Common Stock outstanding immediately prior to the expiration of the tender or exchange offer, including any shares validly tendered and not withdrawn (the "Purchased Shares").

OS_1 = the number of shares of Common Stock outstanding immediately after the expiration of the tender or exchange offer, less any Purchased Shares.

AC = the aggregate cash and fair market value of the other consideration payable in the tender or exchange offer, as determined by the Board.

In the event that the Corporation, or one of its subsidiaries, is obligated to purchase shares of Common Stock pursuant to any such tender offer or exchange offer, but the Corporation, or such subsidiary, is permanently prevented by applicable law

from effecting any such purchases, or all such purchases are rescinded, then the Conversion Rate shall be readjusted to be such Conversion Rate that would then be in effect if such tender offer or exchange offer had not been made.

(vii) **Rights Plans.** To the extent that the Corporation has a rights plan in effect with respect to the Common Stock on any Conversion Date, upon conversion of any shares of the Series L Preferred Stock, Holders will receive, in addition to the shares of Common Stock, the rights under the rights plan, unless, prior to such Conversion Date, the rights have separated from the shares of Common Stock, in which case the Conversion Rate will be adjusted at the time of separation as if the Corporation had made a distribution to all holders of the Common Stock as described in clause (iv) above, subject to readjustment in the event of the expiration, termination, or redemption of such rights.

(b) The Corporation may make such increases in the Conversion Rate, in addition to any other increases required by this Section 7, if the Corporation deems it advisable in order to avoid or diminish any income tax to holders of the Common Stock resulting from any dividend or distribution of shares of Common Stock (or issuance of rights or warrants to acquire shares of Common Stock) or from any event treated as such for income tax purposes or for any other reason.

(c)(i) All adjustments to the Conversion Rate shall be calculated to the nearest 1/10,000th of a share of Common Stock. No adjustment in the Conversion Rate will be made unless such adjustment would require an increase or decrease of at least one percent therein; *provided*, that any adjustments which by reason of this subparagraph are not required to be made shall be carried forward and taken into account in any subsequent adjustment; *provided further* that on the Optional Conversion Date, the Make-Whole Acquisition Effective Date or the effective date of a Fundamental Change, adjustments to the Conversion Rate will be made with respect to any such adjustment carried forward and which has not been taken into account before such date.

(ii) No adjustment to the Conversion Rate shall be made if Holders may participate in the transaction that would otherwise give rise to an adjustment, as a result of holding the Series L Preferred Stock, without having to convert the Series L Preferred Stock, as if they held the full number of shares of Common Stock into which their shares of the Series L Preferred Stock may then be converted.

(iii) The Applicable Conversion Rate will not be adjusted:

(A) upon the issuance of any shares of the Common Stock pursuant to any present or future plan providing for the reinvestment of dividends or interest payable on the Corporation's securities and the investment of additional optional amounts in shares of Common Stock under any plan;

(B) upon the issuance of any shares of the Common Stock or rights or warrants to purchase those shares pursuant to any present or future employee, director, or consultant benefit plan or program of or assumed by the Corporation or any of its subsidiaries;

(C) upon the issuance of any shares of the Common Stock pursuant to any option, warrant, right or exercisable, exchangeable or convertible security outstanding as of the date the shares of the Series L Preferred Stock were first issued;

(D) for a change in the par value or no par value of the Common Stock; or

(E) for accrued and unpaid dividends on the Series L Preferred Stock.

(d) Whenever the Conversion Rate is to be adjusted in accordance with Section 7(a) or Section 7(b), the Corporation shall: (i) compute the Conversion Rate in accordance with Section 7(a) or Section 7(b), taking into account the one percent threshold set forth in Section 7(c) hereof, and prepare and transmit to the Transfer Agent an officer's certificate setting forth the Conversion Rate, the method of calculation thereof in reasonable detail, and the facts requiring such adjustment and upon which such adjustment is based; (ii) as soon as practicable following the occurrence of an event that requires an adjustment to the Conversion Rate pursuant to Section 7(a) or Section 7(b), taking into account the one percent threshold set forth in Section 7(c) hereof (or if the Corporation is not aware of such occurrence, as soon as practicable after becoming so aware), provide, or cause to be provided, a written notice to the Holders of the occurrence of such event; and (iii) as soon as practicable following the determination of the revised Conversion Rate in accordance with Section 7(a) or Section 7(b) hereof, provide, or cause to be provided, a written notice to the Holders setting forth in reasonable detail the method by which the adjustment to the Conversion Rate was determined and setting forth the revised Conversion Rate.

Section 8. Reorganization Events.

(a) In the event of:

(i) the Corporation's consolidation or merger with or into another Person, in each case pursuant to which the Common Stock will be converted into cash, securities, or other property of the Corporation or another Person;

(ii) any sale, transfer, lease, or conveyance to another Person of all or substantially all of the Corporation's property and assets, in each case pursuant to which the Common Stock will be converted into cash, securities, or other property; or

(iii) any statutory exchange of the Corporation's securities with another Person (other than in connection with a merger or acquisition);

(any such event specified in this Section 8(a), a "*Reorganization Event*"); each share of Series L Preferred Stock outstanding immediately prior to such Reorganization Event will, without the consent of Holders, become convertible into the kind of securities, cash, and other property receivable in such Reorganization Event by a holder of the shares of Common Stock that was not the counterparty to the Reorganization Event or an affiliate of such other party (such securities, cash, and other property, the "*Exchange Property*").

(b) In the event that holders of the shares of the Common Stock have the opportunity to elect the form of consideration to be received in such transaction, the consideration that the Holders are entitled to receive will be deemed to be the types and amounts of consideration received by the majority of the holders of the shares of the Common Stock that affirmatively make an election (or of all such holders if none make an election). On each Conversion Date following a Reorganization Event, the Conversion Rate then in effect will be applied to the value on such Conversion Date of the securities, cash, or other property received per share of Common Stock, determined as set forth above. The amount of Exchange Property receivable upon conversion of any Series L Preferred Stock in accordance with Section 5, Section 6(b), Section 6(c) or Section 6(d) hereof shall be determined based upon the then Applicable Conversion Rate.

(c) The above provisions of this Section 8 shall similarly apply to successive Reorganization Events and the provisions of Section 7 shall apply to any shares of capital stock of the Corporation (or any successor) received by the holders of the Common Stock in any such Reorganization Event.

(d) The Corporation (or any successor) shall, within 20 days of the occurrence of any Reorganization Event, provide written notice to the Holders of such occurrence of such event and of the kind and amount of the cash, securities or other property that constitutes the Exchange Property. Failure to deliver such notice shall not affect the operation of this Section 8.

Section 9. Liquidation Rights.

(a) **Liquidation.** In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series L Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders before any distribution of the assets of the Corporation may be made to the Holders of any Junior Stock to receive in full a liquidating distribution in the amount of the liquidation preference of \$1,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. After payment of this liquidating distribution, the holders of Series L Preferred Stock will not be entitled to any further participation in any distribution of the Corporation's assets in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation. Distributions will be made only to the extent of the Corporation's assets remaining available after satisfaction of all liabilities to creditors and subject to the rights of holders of any securities ranking senior to the Series L Preferred Stock and *pro rata* as to the Series L Preferred Stock and any other shares of the Corporation's stock ranking equally as to such distribution.

(b) **Partial Payment.** If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series L Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series L Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series L Preferred Stock and all such Parity Stock.

(c) **Residual Distributions.** If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series L Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) **Merger, Consolidation and Sale of Assets Not Liquidation.** For purposes of this Section 9, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property or business of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs

of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 10. Redemption.

The Series L Preferred Stock shall not be redeemable either at the Corporation's option or at the option of the Holders at any time.

Section 11. Voting Rights.

(a) General. The holders of Series L Preferred Stock shall not be entitled to vote on any matter except as set forth in Section 11(b) below or as required by Delaware law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series L Preferred Stock or any other class or series of preferred stock ranking equally with Series L Preferred Stock as to payment of dividends and upon which voting rights equivalent to those granted by this Section 11 have been conferred ("*Voting Parity Securities*") and are exercisable, have not been declared and paid for the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not (a "*Nonpayment*")), the number of directors constituting the Board shall be increased by two, and the Holders of the outstanding shares of Series L Preferred Stock voting as a class with holders of any series of the Corporation's preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist, shall have the right, voting separately as a single class without regard to series, with voting rights allocated *pro rata* based on liquidation preference, to the exclusion of the holders of Common Stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and provided further that the Board shall at no time include more than two such directors. Each such director elected by the holders of shares of Series L Preferred Stock and any Voting Parity Securities is a "*Preferred Director*." Any Preferred Director elected by the holders of the Series L Preferred Stock and any Parity Stock may only be removed by the vote of the holders of record of the outstanding Series L Preferred Stock and any such Parity Stock, voting together as a single and separate class, at a meeting of the Corporation's stockholders called for that purpose. Any vacancy created by the removal of any Preferred Director may be filled only by the vote of the holders of the outstanding Series L Preferred Stock and any such Parity Stock, voting together as a single and separate class.

Notwithstanding the foregoing, without the consent of the Holders, so long as such action does not adversely affect the interests of the Holders, the Corporation may amend, alter, supplement, or repeal any terms of the Series L Preferred Stock for the following purposes:

- (1) to cure any ambiguity, or to cure, correct, or supplement any provision contained in this Certificate of Designations that may be ambiguous, defective, or inconsistent; or
- (2) to make any provision with respect to matters or questions relating to the Series L Preferred Stock that is not inconsistent with the provisions of this Certificate of Designations.

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the Holders Series L Preferred Stock and any Voting Parity Securities with exercisable voting rights, called as provided herein. At any time after the special voting right has vested pursuant to Section 11(b)(i) above, the secretary of the Corporation may, and upon the written request of any Holder of Series L Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series L Preferred Stock and any Voting Parity Securities with exercisable voting rights, for the election of the two directors to be elected by them as provided in Section 11(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting will be given in a similar manner to that provided in the Corporation's by-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any Holder of Series L Preferred Stock may (at our expense) call such meeting, upon notice as provided in this Section 11(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of our stockholders unless they have been previously terminated or removed pursuant to Section 11(b)(iv). In case any

vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the Holders of the Series L Preferred Stock (voting together on a single and separate class with holders of any Voting Parity Securities, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. The voting rights described above will terminate, except as provided by law, upon the earlier of (A) the conversion of all of the Series L Preferred Stock or (B) the payment of full dividends on the Series L Preferred Stock and any other series of the Corporation's preferred stock, if any, for the equivalent of at least four quarterly Dividend Periods (but subject to revesting in the case of any similar non-payment of dividends in respect of future Dividend Periods) following a Nonpayment on the Series L Preferred Stock and any other series of the Corporation's preferred stock. Upon termination of the special voting right described above, the terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series L Preferred Stock (voting together as a single and separate class with holders of any Voting Parity Securities, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist).

Section 12. Fractional Shares.

(a) No fractional shares of Common Stock will be issued as a result of any conversion of shares of Series L Preferred Stock.

(b) In lieu of any fractional share of Common Stock otherwise issuable in respect of any conversion at the Corporation's option pursuant to Section 5 hereof or any conversion at the option of the Holder pursuant to Section 6(b), Section 6(c) or Section 6(d) hereof, the Corporation shall pay an amount in cash (computed to the nearest cent) equal to the same fraction of the Closing Price of the Common Stock determined as of the second Trading Day immediately preceding the effective date of conversion.

(c) If more than one share of the Series L Preferred Stock is surrendered for conversion at one time by or for the same Holder, the number of full shares of Common Stock issuable upon conversion thereof shall be computed on the basis of the aggregate number of shares of the Series L Preferred Stock so surrendered.

Section 13. Reservation of Common Stock.

(a) The Corporation shall at all times reserve and keep available out of its authorized and unissued Common Stock or shares held in the treasury by the Corporation, solely for issuance upon the conversion of shares of Series L Preferred Stock as provided in this Certificate of Designations, free from any preemptive or other similar rights, such number of shares of Common Stock as shall from time to time be issuable upon the conversion of all the shares of Series L Preferred Stock then outstanding, at the Applicable Conversion Price subject to adjustment as described under Section 7. For purposes of this Section 13(a), the number of shares of Common Stock that shall be deliverable upon the conversion of all outstanding shares of Series L Preferred Stock shall be computed as if at the time of computation all such outstanding shares were held by a single Holder.

(b) Notwithstanding the foregoing, the Corporation shall be entitled to deliver upon conversion of shares of Series L Preferred Stock, as herein provided, shares of Common Stock acquired by the Corporation (in lieu of the issuance of authorized and unissued shares of Common Stock), so long as any such acquired shares are free and clear of all liens, charges, security interests or encumbrances (other than liens, charges, security interests and other encumbrances created by the Holders).

(c) All shares of Common Stock delivered upon conversion of the Series L Preferred Stock shall be duly authorized, validly issued, fully paid and non-assessable, free and clear of all liens, claims, security interests and other encumbrances (other than liens, charges, security interests and other encumbrances created by the Holders).

(d) Prior to the delivery of any securities that the Corporation shall be obligated to deliver upon conversion of the Series L Preferred Stock, the Corporation shall use its reasonable best efforts to comply with all federal and state laws and regulations thereunder requiring the registration of such securities with, or any approval of or consent to the delivery thereof by, any governmental authority.

(e) The Corporation hereby covenants and agrees that, if at any time the Common Stock shall be listed on the New York Stock Exchange or any other national securities exchange or automated quotation system, the Corporation will, if permitted by the rules of such exchange or automated quotation system, list and keep listed, so long as the Common Stock shall be so listed on such exchange or automated quotation system, all the Common Stock issuable upon conversion of the Series L Preferred Stock; *provided, however*, that if the rules of such exchange or automated quotation system permit the Corporation to defer the listing of such Common Stock until the first conversion of Series L Preferred Stock into Common Stock in accordance

with the provisions hereof, the Corporation covenants to list such Common Stock issuable upon conversion of the Series L Preferred Stock in accordance with the requirements of such exchange or automated quotation system at such time.

Section 14. Preemption. The Holders of Series L Preferred Stock shall not have any rights of preemption.

Section 15. Rank. Notwithstanding anything set forth in the Corporation's Amended and Restated Certificate of Incorporation or this Certificate of Designations to the contrary, the Board, the Committee or any authorized committee of the Board, without the vote of the Holders of the Series L Preferred Stock, may authorize and issue additional shares of Junior Stock, Parity Stock or any class or series of Senior Stock or any other securities ranking senior to the Series L Preferred Stock as to dividends and the distribution of assets upon any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 16. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell shares of Series L Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board or any duly authorized committee of the Board may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 17. Unissued or Reacquired Shares. Shares of Series L Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series and shall be available for subsequent issuance.

Section 18. No Sinking Fund. Shares of Series L Preferred Stock are not subject to the operation of a sinking fund.

Exhibit E

Floating Rate Non-Cumulative Preferred Stock, Series 1

BANK OF AMERICA CORPORATION

CERTIFICATE OF DESIGNATIONS

**Pursuant to Section 151 of the
General Corporation Law of the State of Delaware**

**FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 1
(Par Value \$0.01 Per Share)**

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation"), hereby certifies that the following resolutions were adopted by the Board of Directors of the Corporation (the "Board of Directors") pursuant to the authority of the Board of Directors conferred by Section 151 of the General Corporation Law of the State of Delaware, at a meeting duly convened and held on December 9, 2008:

RESOLVED, that pursuant to the authority granted to and vested in the Board of Directors by the Amended and Restated Certificate of Incorporation of the Corporation, the Board of Directors hereby creates a series of the Corporation's previously authorized preferred stock, par value \$0.01 per share (the "Preferred Stock"), and hereby states the designation and number of shares thereof and establishes the voting powers, preferences and relative, participating, optional and other special rights, and the qualifications, limitations and restrictions thereof, as follows:

FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 1

(1) Number of Shares and Designation. 21,000 shares of the preferred stock, par value \$0.01 per share, of the Corporation are hereby constituted as a series of preferred stock, par value \$0.01 per share, designated as Floating Rate Non-Cumulative Preferred Stock, Series 1 (hereinafter called the "Preferred Stock, Series 1").

(2) Dividends. (a) The holders of shares of the Preferred Stock, Series 1, shall be entitled to receive, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), out of assets of the Corporation legally available under Delaware law for the payment of dividends, non-cumulative cash dividends at the rate set forth below in this Section (2) applied to the amount of \$30,000 per share. Such dividends shall be payable quarterly, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), on February 28, May 28, August 28 and November 28 (the "Payment Dates") commencing on February 28, 2009; provided that if any such Payment Date is not a New York Business Day and London Business Day, dividends (if declared) on the Preferred Stock, Series 1, will be paid on the immediately succeeding New York Business Day and London Business Day, without interest, unless such day falls in the next calendar month, in which case the Payment Date will be the immediately preceding New York Business Day and London Business Day. Each such dividend shall be payable to the holders of record of shares of the Preferred Stock, Series 1, as they appear on the stock register of the Corporation on such record dates, which shall be a date not more than 30 nor less than 10 days preceding the applicable Payment Dates, as shall be fixed by the Board of Directors of the Corporation (or a duly authorized committee thereof). "London Business Day" means a day other than a Saturday or Sunday on which dealings in deposits in U.S. dollars are transacted, or with respect to any future date are expected to be transacted, in the London interbank market. A "New York Business Day" means any day that is not a Saturday or Sunday and that, in New York City, is not a day on which banking institutions generally are authorized or obligated by law or executive order to be closed.

(b) (i) Dividend periods ("Dividend Periods") shall commence on each Payment Date (other than the initial Dividend Period which shall be deemed to have commenced on November 28, 2008) and shall end on and include the calendar day next preceding the first day of the next Dividend Period. The dividend rate on the shares of Preferred Stock, Series 1 for each Dividend Period shall be a floating rate per annum equal to three-month U.S. dollar LIBOR plus 0.75%, but in no event will the rate be less than 3.00% per annum, of the \$30,000 liquidation preference per share of Preferred Stock, Series 1.

LIBOR, with respect to a Dividend Period, means the rate (expressed as a percentage per annum) for deposits in U.S. dollars for a three month period that normally appears on Moneyline Telerate Page 3750, as displayed on page "BBAM" (British Bankers Association Official BBA LIBOR Fixings) in the Bloomberg Professional Service (or any other service that may replace Moneyline Telerate, Inc. on page BBAM or any other page that may replace page BBAM on the Bloomberg Professional Service or a successor service, in each case, for the purpose of displaying London interbank offered

rates of major banks) as of 11:00 a.m. (London time) on the second London Business Day immediately preceding the first day of such Dividend Period.

If LIBOR cannot be determined as described above, the Corporation will select four major banks in the London interbank market. The Corporation will request that the principal London offices of those four selected banks provide their offered quotations to prime banks in the London interbank market at approximately 11:00 a.m., London time, on the second London Business Day immediately preceding the first day of such Dividend Period. These quotations will be for deposits in U.S. dollars for a three month period. Offered quotations must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time.

If two or more quotations are provided, LIBOR for the Dividend Period will be the arithmetic mean of the quotations. If fewer than two quotations are provided, the Corporation will select three major banks in New York City and will then determine LIBOR for the Dividend Period as the arithmetic mean of rates quoted by those three major banks in New York City to leading European banks at approximately 3:00 p.m., New York City time, on the second London Business Day immediately preceding the first day of such Dividend Period. The rates quoted will be for loans in U.S. dollars, for a three month period. Rates quoted must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time. If fewer than three New York City banks selected by the Corporation are quoting rates, LIBOR for the applicable period will be the same as for the immediately preceding Dividend Period.

(ii) The amount of dividends payable for each full Dividend Period (including the initial Dividend Period) for the Preferred Stock, Series 1, shall (if and when declared, as herein provided) be computed by dividing the dividend rate by four, rounded to the nearest one-hundredth of a percent, with five one-thousandths rounded upwards, and applying the resulting rate to the amount of \$30,000 per share. The amount of dividends payable for any period shorter than a full Dividend Period on the Preferred Stock, Series 1, shall (if and when declared, as herein provided) be computed on the basis of 30-day months, a 360-day year and the actual number of days elapsed in any period of less than one month. The amount of dividends payable on the Preferred Stock, Series 1, shall be rounded to the nearest cent, with one-half cent being rounded upwards.

(c) So long as any shares of the Preferred Stock, Series 1 are outstanding, the Corporation may not declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire, or make a liquidation payment with respect to the preferred stock of the Corporation of any series and any other stock of the Corporation ranking, as to dividends, on a parity with the Preferred Stock, Series 1 unless for such Dividend Period full dividends on all outstanding shares of Preferred Stock, Series 1 have been declared, paid or set aside for payment. When dividends are not paid in full, as aforesaid, upon the shares of the Preferred Stock, Series 1, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends with the Preferred Stock, Series 1, all dividends declared upon shares of the Preferred Stock, Series 1, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends (whether cumulative or non-cumulative) shall be declared pro rata so that the amount of dividends declared per share on the Preferred Stock, Series 1, and all such other stock of the Corporation shall in all cases bear to each other the same ratio that accrued dividends per share on the shares of the Preferred Stock, Series 1 (but without, in the case of any non-cumulative preferred stock, accumulation of unpaid dividends for prior Dividend Periods) and all such other stock bear to each other.

(d) So long as any shares of the Preferred Stock, Series 1 are outstanding, the Corporation may not, at any time, declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire, or make a liquidation payment with respect to, any Common Stock or any other stock of the Corporation ranking as to dividends or distribution of assets junior to the Preferred Stock, Series 1 unless full dividends on all outstanding shares of Preferred Stock, Series 1 has been declared, paid or set aside for payment for the immediately preceding Dividend Period (except for (x) dividends or distributions paid in shares of, or options, warrants or rights to subscribe for or purchase shares of, the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 1 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation, (y) redemptions or purchases of any rights pursuant to the Amended and Restated Rights Agreement, adopted on December 2, 1997 or any agreement that replaces such Amended and Restated Rights Agreement, or by conversion or exchange for the Corporation's capital stock ranking junior to Preferred Stock, Series 1 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation and (z) purchases by the Corporation or its affiliates in connection with transactions effected by or for the account of customers of the Corporation or customers of any of its subsidiaries or in connection with the distribution or trading of such capital stock); provided, however, that the foregoing dividend preference shall not be cumulative and shall not in any way create any claim or right in favor of the holders of Preferred Stock, Series 1 in the event that dividends have not been declared or paid on the Preferred Stock, Series 1 in respect of any prior Dividend Period. If the full dividend on the Preferred Stock, Series 1 is not paid for any Dividend Period, the holders of Preferred Stock, Series 1 will have no claim in respect of the unpaid amount so long as no dividend (other than those referred to above) is paid on the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 1 as to dividends and dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation.

(e) No dividends may be declared or paid or set aside for payment on any shares of Preferred Stock, Series 1 if at the same time any arrears exists in the payment of dividends on any outstanding class or series of stock of the Corporation ranking, as to the payment of dividends, prior to the Preferred Stock, Series 1.

(f) Holders of shares of the Preferred Stock, Series 1, shall not be entitled to any dividends, whether payable in cash, property or stock, in excess of full dividends, as herein provided, on the Preferred Stock, Series 1. No interest, or sum of money in lieu of interest, shall be payable in respect of any dividend payment or payments on the Preferred Stock, Series 1, which may be in arrears.

(3) Liquidation Preference. (a) In the event of any liquidation, dissolution or winding up of the Corporation, whether voluntary or involuntary, before any payment or distribution of the assets of the Corporation or proceeds thereof (whether capital or surplus) shall be made to or set apart for the holders of any series or class or classes of stock of the Corporation ranking junior to the Preferred Stock, Series 1, upon liquidation, dissolution, or winding up, the holders of the shares of the Preferred Stock, Series 1, shall be entitled to receive \$30,000 per share plus an amount equal to declared and unpaid dividends, without accumulation of undeclared dividends. If, upon any liquidation, dissolution, or winding up of the Corporation, the assets of the Corporation, or proceeds thereof, distributable among the holders of the shares of the Preferred Stock, Series 1, shall be insufficient to pay in full the preferential amount aforesaid and liquidating payments on any other shares of preferred stock ranking, as to liquidation, dissolution or winding up, on a parity with the Preferred Stock, Series 1, then such assets, or the proceeds thereof, shall be distributed among the holders of shares of Preferred Stock, Series 1, and any such other preferred stock ratably in accordance with the respective amounts which would be payable on such shares of Preferred Stock, Series 1, and any such other preferred stock if all amounts payable thereon were paid in full. For the purposes of this Section (3), neither the sale, lease or exchange (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation, nor the consolidation, merger or combination of the Corporation into or with one or more corporations or the consolidation, merger or combination of any other corporation or entity into or with the Corporation, shall be deemed to be a voluntary or involuntary liquidation, dissolution or winding up of the Corporation for purposes of this Section (3).

(b) After payment shall have been made in full to the holders of Preferred Stock, Series 1, as provided in this Section (3), the holders of Preferred Stock, Series 1 will not be entitled to any further participation in any distribution of assets of the Corporation. Subject to the rights of the holders of shares of any series or class or classes of stock ranking on a parity with or prior to the Preferred Stock, Series 1, upon liquidation, dissolution or winding up, upon any liquidation, dissolution or winding up of the Corporation, after payment shall have been made in full to the holders of Preferred Stock, Series 1, as provided in this Section (3), but not prior thereto, any other series or class or classes of stock ranking junior to the Preferred Stock, Series 1, shall, subject to the respective terms and provisions (if any) applying thereto, be entitled to receive any and all assets remaining to be paid or distributed, and the holders of the Preferred Stock, Series 1, shall not be entitled to share therein.

(4) Redemption. (a) The Preferred Stock, Series 1, may not be redeemed prior to November 28, 2009. On and after November 28, 2009, the Corporation, at its option, may redeem shares of the Preferred Stock, Series 1, as a whole at any time or in part from time to time, at a redemption price of \$30,000 per share, together in each case with declared and unpaid dividends, without accumulation of any undeclared dividends. The Chief Financial Officer or the Treasurer may exercise the Corporation's right to redeem the Preferred Stock, Series 1 as a whole at any time without further action of the Board of Directors or a duly authorized committee thereof. The Corporation may only elect to redeem the Preferred Stock, Series 1 in part pursuant to a resolution by the Board of Directors or a duly authorized committee thereof.

(b) In the event the Corporation shall redeem shares of Preferred Stock, Series 1, notice of such redemption shall be given by first class mail, postage prepaid, mailed not less than 30 nor more than 60 days prior to the redemption date, to each holder of record of the shares to be redeemed, at such holder's address as the same appears on the stock register of the Corporation. Each such notice shall state: (1) the redemption date; (2) the number of shares of Preferred Stock, Series 1, to be redeemed and, if less than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (3) the redemption price; and (4) the place or places where certificates for such shares are to be surrendered for payment of the redemption price. Notice having been mailed as aforesaid, from and after the redemption date (unless default shall be made by the Corporation in providing money for the payment of the redemption price) said shares shall no longer be deemed to be outstanding, and all rights of the holders thereof as stockholders of the Corporation (except the right to receive from the Corporation the redemption price) shall cease. The Corporation's obligation to provide moneys in accordance with the preceding sentence shall be deemed fulfilled if, on or before the redemption date, the Corporation shall deposit with a bank or trust company (which may be an affiliate of the Corporation) having an office in the Borough of Manhattan, City of New York, having a capital and surplus of at least \$50,000,000, funds necessary for such redemption, in

trust, with irrevocable instructions that such funds be applied to the redemption of the shares of Preferred Stock, Series 1, so called for redemption. Any interest accrued on such funds shall be paid to the Corporation from time to time. Any funds so deposited and unclaimed at the end of two years from such redemption date shall be released or repaid to the Corporation, after

which the holder or holders of such shares of Preferred Stock, Series 1, so called for redemption shall look only to the Corporation for payment of the redemption price.

Upon surrender, in accordance with said notice, of the certificates for any such shares so redeemed (properly endorsed or assigned for transfer, if the Board of Directors of the Corporation shall so require and the notice shall so state), such shares shall be redeemed by the Corporation at the applicable redemption price aforesaid. If less than all the outstanding shares of Preferred Stock, Series 1, are to be redeemed, shares to be redeemed shall be selected by the Board of Directors of the Corporation (or a duly authorized committee thereof) from outstanding shares of Preferred Stock, Series 1, not previously called for redemption by lot or pro rata or by any other method determined by the Board of Directors of the Corporation (or a duly authorized committee thereof) to be equitable. If fewer than all the shares represented by any certificate are redeemed, a new certificate shall be issued representing the unredeemed shares without charge to the holder thereof.

The Preferred Stock, Series 1 will not be subject to any mandatory redemption, sinking fund or other similar provisions. Holders of Preferred Stock, Series 1 will have no right to require redemption of any shares of Preferred Stock, Series 1.

(5) Terms Dependent on Regulatory Changes. If, (a) after the date of the issuance of the Preferred Stock, Series 1, the Corporation (by election or otherwise) becomes subject to any law, rule, regulation or guidance (together, "Regulations") relating to its capital adequacy which Regulation (x) provides for a type or level of capital characterized as "Tier 1" in, or pursuant to Regulations of any governmental agency, authority or body having regulatory jurisdiction over the Corporation and implementing, the capital standards published by the Basel Committee on Banking Supervision, the Securities and Exchange Commission, the Board of Governors of the Federal Reserve System, or any other United States national governmental agency, authority or body, or (y) provides for a type or level of capital that in the judgment of the Board of Directors (or a duly authorized committee thereof) after consultation with legal counsel of recognized standing is substantially equivalent to such "Tier 1" capital (such capital described in either (x) or (y) is referred to below as "Tier 1 Capital"), and (b) the Board of Directors (or a duly authorized committee thereof) affirmatively elects to qualify the Preferred Stock, Series 1 for such Tier 1 Capital treatment without any sublimit or other quantitative restrictions on the inclusion of such Preferred Stock, Series 1 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) under such Regulations, then, upon such affirmative election, the terms of the Preferred Stock, Series 1 shall automatically be amended to reflect the following modifications (without any action or consent by the holders of the Preferred Stock, Series 1 or any other vote of stockholders of the Corporation):

(i) If and to the extent such modification is a Required Unrestricted Tier 1 Provision (as defined below), the Corporation's right to redeem the Preferred Stock, Series 1 on and after November 28, 2009 pursuant to Section 4 hereof shall be restricted (such restrictions including but not limited to any requirement that the Corporation receive prior approval for such redemption from any applicable governmental agency, authority or body or that such redemption be prohibited);

(ii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, the Corporation's right to make distributions with respect to, or redeem, purchase or acquire or make payments on, securities junior to the Preferred Stock, Series 1 (upon a non-payment of dividends on the Preferred Stock, Series 1) shall become subject to additional restrictions (other than those set forth in Section 2(d) hereof) pursuant to the terms of the Preferred Stock, Series 1; and

(iii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, any other new provisions or terms shall be added to the Preferred Stock, Series 1, or existing terms shall be modified; provided, however, that no such provision or term shall be added, and no such modification shall be made pursuant to the terms of this Section 5(iii), if it would alter or change the rights, powers or preferences of the shares of the Preferred Stock, Series 1 so as to affect the shares of the Preferred Stock, Series 1 adversely.

As used above, the term "Required Unrestricted Tier 1 Provision" means a term which is, in the written opinion of legal counsel of recognized standing and delivered to the Corporation, required for the Preferred Stock, Series 1 to be treated as Tier 1 Capital of the Corporation without any sublimit or other quantitative restriction on the inclusion of such Preferred Stock, Series 1 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) pursuant to the applicable Regulations. The Corporation shall provide notice to holders of any Preferred Stock, Series 1 of any such changes in the terms of the Preferred Stock, Series 1 made pursuant to the terms of this Section 5 on or about the date of effectiveness of any such modification and shall maintain a copy of such notice on file at the principal offices of the Corporation. A copy of the relevant Regulations shall also be on file at the principal offices of the Corporation and, upon request, will be made available to such holders.

(6) Voting Rights. The Preferred Stock, Series 1, shall have no voting rights, except as hereinafter set forth or as otherwise from time to time required by law.

The holders of the Preferred Stock shall be entitled to vote on all matters submitted to a vote of the holders of Common Stock of the Corporation, voting together with the holders of Common Stock as one class. Each share of Preferred Stock shall be entitled to 150 votes.

Whenever dividends payable on the Preferred Stock, Series 1, have not been declared or paid for such number of Dividend Periods, whether or not consecutive, which in the aggregate is equivalent to six Dividend Periods (a "Nonpayment"), the holders of outstanding shares of the Preferred Stock, Series 1, shall have the exclusive right, voting as a class with holders of shares of all other series of preferred stock ranking on a parity with the Preferred Stock, Series 1, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable (to the extent such other series of preferred stock are entitled to vote pursuant to the terms thereof), to vote for the election of two additional directors at the next annual meeting of stockholders and at each subsequent annual meeting of stockholders. At elections for such directors, each holder of the Preferred Stock, Series 1, shall be entitled to three votes for each share of Preferred Stock, Series 1 held (the holders of shares of any other series of preferred stock ranking on such a parity being entitled to such number of votes, if any, for each share of stock held as may be granted to them). Upon the vesting of such right of such holders, the maximum authorized number of members of the Board of Directors shall automatically be increased by two and the two vacancies so created shall be filled by vote of the holders of such outstanding shares of Preferred Stock, Series 1, (either alone or together with the holders of shares of all other series of preferred stock ranking on such a parity) as hereinafter set forth. The right of such holders of such shares of the Preferred Stock, Series 1, voting as a class with holders of shares of all other series of preferred stock ranking on such a parity, to elect members of the Board of Directors of the Corporation as aforesaid shall continue until all dividends on such shares of Preferred Stock, Series 1, shall have been paid in full for at least four Dividend Periods following the Nonpayment. Upon payment in full of such dividends, such voting rights shall terminate except as expressly provided by law, subject to re-vesting in the event of each and every subsequent Nonpayment in the payment of dividends as aforesaid.

Upon termination of the right of the holders of the Preferred Stock, Series 1, to vote for directors as provided in the previous paragraph, the term of office of all directors then in office elected by such holders will terminate immediately. If the office of any director elected by such holders voting as a class becomes vacant by reason of death, resignation, retirement, disqualification, removal from office or otherwise, the remaining director elected by such holders voting as a class may choose a successor who shall hold office for the unexpired term in respect of which such vacancy occurred. Whenever the term of office of the directors elected by such holders voting as a class shall end and the special voting rights shall have expired, the number of directors shall be such number as may be provided for in the By-laws irrespective of any increase made pursuant to the provisions hereof.

So long as any shares of the Preferred Stock, Series 1, remain outstanding, the affirmative vote or consent of the holders of at least two-thirds of the shares of the Preferred Stock, Series 1, outstanding at the time (voting as a class with all other series of preferred stock ranking on a parity with the Preferred Stock, Series 1, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable), given in person or by proxy, either in writing or at any meeting called for the purpose, shall be necessary to permit, effect or validate any one or more of the following:

(i) the authorization, creation or issuance, or any increase in the authorized or issued amount, of any class or series of stock ranking prior to the Preferred Stock, Series 1, with respect to payment of dividends or the distribution of assets upon liquidation, dissolution or winding up; or

(ii) the amendment, alteration or repeal, whether by merger, consolidation or otherwise, of any of the provisions of the Amended and Restated Certificate of Incorporation, as amended, or of the resolutions set forth in a Certificate of Designations for such Preferred Stock, Series 1, which would adversely affect any right, preference, privilege or voting power of the Preferred Stock, Series 1, or of the holders thereof;

provided, however, that any increase in the amount of issued Preferred Stock, Series 1 or authorized preferred stock or the creation and issuance, or an increase in the authorized or issued amount, of other series of preferred stock, in each case ranking on a parity with or junior to the Preferred Stock, Series 1, with respect to the payment of dividends (whether such dividends were cumulative or non-cumulative) and the distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such rights, preferences, privileges or voting powers.

Without the consent of the holders of the Preferred Stock, Series 1, so long as such action does not adversely affect the interests of holders of Preferred Stock, Series 1, the Corporation may amend, alter, supplement or repeal any terms of the Preferred Stock, Series 1:

- (i) to cure any ambiguity, or to cure, correct or supplement any provision contained in a Certificate of Designations for such Preferred Stock, Series 1 that may be defective or inconsistent; or
- (ii) to make any provision with respect to matters or questions arising with respect to the Preferred Stock, Series 1 that is not inconsistent with the provisions of a Certificate of Designations for such Preferred Stock, Series 1.

The rules and procedures for calling and conducting any meeting of the holders of Preferred Stock, Series 1 (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such a meeting, the obtaining of written consents, and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors of the Corporation, or a duly authorized committee thereof, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of any national securities exchange on which the Preferred Stock, Series 1 are listed at the time.

The foregoing voting provisions shall not apply if, at or prior to the time when the act with respect to which such vote would otherwise be required shall be effected, all outstanding shares of Preferred Stock, Series 1, shall have been redeemed or sufficient funds shall have been deposited in trust to effect such a redemption which is scheduled to be consummated within three months after the time that such rights would otherwise be exercisable.

(7) Record Holders. The Corporation and the transfer agent for the Preferred Stock, Series 1, may deem and treat the record holder of any share of such Preferred Stock as the true and lawful owner thereof for all purposes, and neither the Corporation nor such transfer agent shall be affected by any notice to the contrary.

(8) Ranking. Any class or classes of stock of the Corporation shall be deemed to rank:

(i) on a parity with the Preferred Stock, Series 1, as to dividends or as to distribution of assets upon liquidation, dissolution or winding up, whether or not the dividend rates, dividend payment dates, or redemption or liquidation prices per share thereof be different from those of the Preferred Stock, Series 1, if the holders of such class of stock and the Preferred Stock, Series 1, shall be entitled to the receipt of dividends or of amounts distributable upon liquidation, dissolution or winding up, as the case may be, in proportion to their respective dividend rates (whether cumulative or non-cumulative) or liquidation prices, without preference or priority one over the other; and

(ii) junior to the Preferred Stock, Series 1, as to dividends or as to the distribution of assets upon liquidation, dissolution or winding up, if such stock shall be Common Stock or if the holders of Preferred Stock, Series 1, shall be entitled to receipt of dividends or of amounts distributable upon dissolution, liquidation or winding up, as the case may be, in preference or priority to the holders of shares of such stock.

(iii) The Shares of Preferred Stock of the Corporation designated "Floating Rate Non-Cumulative Preferred Stock, Series 2," "6.375% Non-Cumulative Preferred Stock, Series 3," "Floating Rate Non-Cumulative Preferred Stock, Series 4," "Floating Rate Non-Cumulative Preferred Stock, Series 5," "6.70% Non-Cumulative Perpetual Preferred Stock, Series 6," "6.25% Non-Cumulative Perpetual Preferred Stock, Series 7," "8.625% Non-Cumulative Preferred Stock, Series 8," "Cumulative Redeemable Preferred Stock, Series B," "Floating Rate Non-Cumulative Preferred Stock, Series E," "6.204% Non-Cumulative Preferred Stock, Series D," "Floating Rate Non-Cumulative Preferred Stock, Series F," "Adjustable Rate Non-Cumulative Preferred Stock, Series G," "8.20% Non-Cumulative Preferred Stock, Series H," "6.625% Non-Cumulative Preferred Stock, Series I," "7.25% Non-Cumulative Preferred Stock, Series J," "7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L," "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K," and "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M," and any other class or series of stock of the Corporation hereafter authorized that ranks on parity with the Preferred Stock, Series 1, as to dividends and distribution of assets upon liquidation, dissolution or winding up of the Corporation, shall be deemed to rank on a parity with the shares of the Preferred Stock, Series 1, as to dividends and distribution of assets upon the liquidation, dissolution or winding up of the Corporation.

(9) Exclusion of Other Rights. Unless otherwise required by law, shares of Preferred Stock, Series 1, shall not have any rights, including preemptive rights, or preferences other than those specifically set forth herein or as provided by applicable law.

(10) Notices. All notices or communications unless otherwise specified in the By-laws of the Corporation or the Amended and Restated Certificate of Incorporation, as amended, shall be sufficiently given if in writing and delivered in person or by first class mail, postage prepaid. Notice shall be deemed given on the earlier of the date received or the date such notice is mailed.

IN WITNESS WHEREOF, the undersigned, being duly authorized thereto, does hereby affirm, under penalties of perjury, that this certificate is the act and deed of the Corporation and that the facts herein stated are true, and accordingly has hereunto set her hand this 31st day of December, 2008.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

[Signature Page to Certificate of Designations, Series I]

Exhibit E

Floating Rate Non-Cumulative Preferred Stock, Series 2

BANK OF AMERICA CORPORATION

CERTIFICATE OF DESIGNATIONS

**Pursuant to Section 151 of the
General Corporation Law of the State of Delaware**

**FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 2
(Par Value \$0.01 Per Share)**

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "**Corporation**"), hereby certifies that the following resolutions were adopted by the Board of Directors of the Corporation (the "**Board of Directors**") pursuant to the authority of the Board of Directors as conferred by Section 151 of the General Corporation Law of the State of Delaware, at a meeting duly convened and held on December 9, 2008:

RESOLVED, that pursuant to the authority granted to and vested in the Board of Directors by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, the Board of Directors hereby creates a series of the Corporation's previously authorized preferred stock, par value \$0.01 per share (the "**Preferred Stock**"), and hereby states the designation and number of shares thereof and establishes the voting powers, preferences and relative, participating, optional and other special rights, and the qualifications, limitations and restrictions thereof, as follows:

FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 2

(1) **Number of Shares and Designation.** 37,000 shares of the preferred stock, par value \$0.01 per share, of the Corporation are hereby constituted as a series of preferred stock, par value \$0.01 per share, designated as Floating Rate Non-Cumulative Preferred Stock, Series 2 (hereinafter called the "**Preferred Stock, Series 2**").

(2) **Dividends.** (a) The holders of shares of the Preferred Stock, Series 2, shall be entitled to receive, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), out of assets of the Corporation legally available under Delaware law for the payment of dividends, non-cumulative cash dividends at the rate set forth below in this Section (2) applied to the amount of \$30,000 per share. Such dividends shall be payable quarterly, in arrears, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), on February 28, May 28, August 28 and November 28 (the "**Payment Dates**"); provided that if any such Payment Date is not a New York Business Day and London Business Day, the Payment Date will be the next succeeding day that is a New York Business Day and London Business Day, unless such day falls in the next calendar month, in which case the Payment Date will be the immediately preceding New York Business Day and London Business Day. The dividend, if declared, for the initial Dividend Period (as defined below) shall be paid on February 28, 2009. Each such dividend shall be payable to the holders of record of shares of the Preferred Stock, Series 2, as they appear on the stock register of the Corporation on such record dates, which shall be a date not more than 30 days nor less than 10 days preceding the applicable Payment Dates, as shall be fixed by the Board of Directors of the Corporation (or a duly authorized committee thereof). "**London Business Day**" means a day other than a Saturday or Sunday on which dealings in deposits in U.S. dollars are transacted, or with respect to any future date are expected to be transacted, in the London interbank market. A "**New York Business Day**" means any day that is not a Saturday or Sunday and that, in New York City, is not a day on which banking institutions generally are authorized or obligated by law or executive order to be closed.

(b) (i) Dividend periods ("**Dividend Periods**") shall commence on each Payment Date (other than the initial Dividend Period which shall be deemed to have commenced on November 28, 2008) and shall end on and exclude the next succeeding Payment Date. The dividend rate on the shares of Preferred Stock, Series 2, for each Dividend Period shall be a floating rate *per annum* equal to three-month U.S. dollar LIBOR plus 0.65%, but in no event will the rate be less than 3.00% per annum, of the \$30,000 liquidation preference per share of Preferred Stock, Series 2.

The "**three-month U.S. dollar LIBOR**", with respect to a Dividend Period, means the rate (expressed as a percentage per annum) for deposits in U.S. dollars for a three month period that normally appears on Moneyline Telerate Page 3750, as displayed on page "**BBAM**" (British Bankers Association Official BBA LIBOR Fixings) in the Bloomberg Professional Service (or any other service that may replace Moneyline Telerate, Inc. on page BBAM or any other page that may replace page BBAM

on the Bloomberg Professional Service or a successor service, in each case, for the purpose of displaying London interbank offered rates of major banks) as of 11:00 a.m. (London time) on the second London Business Day immediately preceding the first day of such Dividend Period.

If three-month U.S. dollar LIBOR cannot be determined as described above, the Corporation will select four major banks in the London interbank market. The Corporation will request that the principal London offices of those four selected banks provide their offered quotations to prime banks in the London interbank market at approximately 11:00 a.m., London time, on the second London Business Day immediately preceding the first day of such Dividend Period. These quotations will be for deposits in U.S. dollars for a three month period. Offered quotations must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time.

If two or more quotations are provided, three-month U.S. dollar LIBOR for the Dividend Period will be the arithmetic mean of the quotations. If fewer than two quotations are provided, the Corporation will select three major banks in New York City and will then determine three-month U.S. dollar LIBOR for the Dividend Period as the arithmetic mean of rates quoted by those three major banks in New York City to leading European banks at approximately 3:00 p.m., New York City time, on the second London Business Day immediately preceding the first day of such Dividend Period. The rates quoted will be for loans in U.S. dollars, for a three month period. Rates quoted must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time. If fewer than three New York City banks selected by the Corporation are quoting rates, three-month U.S. dollar LIBOR for the applicable period will be the same as for the immediately preceding Dividend Period.

(ii) Dividends on the Preferred Stock, Series 2, shall (if and when declared, as herein provided) be computed on the basis of a 360-day year and the actual number of days elapsed in each Dividend Period. Accordingly, the amount of dividends payable per share for each Dividend Period (including the initial Dividend Period) for the Preferred Stock, Series 2 shall (if and when declared, as herein provided) equal the product of (i) the applicable dividend rate, (ii) \$30,000 and (iii) a fraction (A) the numerator of which will be the actual number of days elapsed in such Dividend Period, and (B) the denominator of which will be 360. The amount of dividends payable on the Preferred Stock, Series 2, shall be rounded to the nearest cent, with one-half cent being rounded upwards.

(c) So long as any shares of the Preferred Stock, Series 2 are outstanding, the Corporation may not declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire (except for purchases by the Corporation or its affiliates in connection with transactions effected by or for the account of customers of the Corporation or customers of any of its subsidiaries or in connection with the distribution or trading of such stock), or make a liquidation payment with respect to the preferred stock of the Corporation of any series and any other stock of the Corporation ranking, as to dividends, on a parity with the Preferred Stock, Series 2 unless for such Dividend Period full dividends on all outstanding shares of Preferred Stock, Series 2 have been declared, paid or set aside for payment. When dividends are not paid in full, as aforesaid, upon the shares of the Preferred Stock, Series 2, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends with the Preferred Stock, Series 2, all dividends declared upon shares of the Preferred Stock, Series 2, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends (whether cumulative or non-cumulative) shall be declared *pro rata* so that the amount of dividends declared per share on the Preferred Stock, Series 2, and all such other stock of the Corporation shall in all cases bear to each other the same ratio that accrued dividends per share on the shares of the Preferred Stock, Series 2 (but without, in the case of any non-cumulative preferred stock, accumulation of unpaid dividends for prior Dividend Periods) and all such other stock bear to each other.

(d) So long as any shares of the Preferred Stock, Series 2 are outstanding, the Corporation may not, at any time, declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire, or make a liquidation payment with respect to, any Common Stock or any other stock of the Corporation ranking as to dividends or distribution of assets junior to the Preferred Stock, Series 2 unless full dividends on all outstanding shares of Preferred Stock, Series 2 have been declared, paid or set aside for payment for the immediately preceding Dividend Period (except for (x) dividends or distributions paid in shares of, or options, warrants or rights to subscribe for or purchase shares of, the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 2 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation, (y) redemptions or purchases of any rights pursuant to the Amended and Restated Rights Agreement, adopted on December 2, 1997 or any agreement that replaces such Amended and Restated Rights Agreement, or by conversion or exchange for the Corporation's capital stock ranking junior to Preferred Stock, Series 2 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation and (z) purchases by the Corporation or its affiliates in connection with transactions effected by or for the account of customers of the Corporation or customers of any of its subsidiaries or in connection with the distribution or trading of such capital stock); provided, however, that the foregoing dividend preference shall not be cumulative and shall not in any way create any claim or right in favor of the holders of Preferred Stock, Series 2 in the event that dividends have not been declared or paid on the Preferred Stock, Series 2 in respect of any prior Dividend Period. If the full dividend on the Preferred Stock, Series 2 is not paid for any Dividend Period, the

holders of Preferred Stock, Series 2 will have no claim in respect of the unpaid amount so long as no dividend (other than those referred to above) is paid on the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 2 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation.

(e) No dividends may be declared or paid or set aside for payment on any shares of Preferred Stock, Series 2 if at the same time any arrears exists in the payment of dividends on any outstanding class or series of stock of the Corporation ranking, as to the payment of dividends, prior to the Preferred Stock, Series 2.

(f) Holders of shares of the Preferred Stock, Series 2, shall not be entitled to any dividends, whether payable in cash, property or stock, in excess of full dividends, as herein provided, on the Preferred Stock, Series 2. No interest, or sum of money in lieu of interest, shall be payable in respect of any dividend payment or payments on the Preferred Stock, Series 2, which may be in arrears.

(3) **Liquidation Preference.** (a) In the event of any liquidation, dissolution or winding up of the Corporation, whether voluntary or involuntary, before any payment or distribution of the assets of the Corporation or proceeds thereof (whether capital or surplus) shall be made to or set apart for the holders of any series or class or classes of stock of the Corporation ranking junior to the Preferred Stock, Series 2, upon liquidation, dissolution, or winding up, the holders of the shares of the Preferred Stock, Series 2, shall be entitled to receive \$30,000 per share plus an amount equal to declared and unpaid dividends, without accumulation of undeclared dividends. If, upon any liquidation, dissolution, or winding up of the Corporation, the assets of the Corporation, or proceeds thereof, distributable among the holders of the shares of the Preferred Stock, Series 2, shall be insufficient to pay in full the preferential amount aforesaid and liquidating payments on any other shares of preferred stock ranking, as to liquidation, dissolution or winding up, on a parity with the Preferred Stock, Series 2, then such assets, or the proceeds thereof, shall be distributed among the holders of shares of Preferred Stock, Series 2, and any such other preferred stock ratably in accordance with the respective amounts which would be payable on such shares of Preferred Stock, Series 2, and any such other preferred stock if all amounts payable thereon were paid in full. For the purposes of this Section (3), neither the sale, lease or exchange (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation, nor the consolidation, merger or combination of the Corporation into or with one or more corporations or the consolidation, merger or combination of any other corporation or entity into or with the Corporation, shall be deemed to be a voluntary or involuntary liquidation, dissolution or winding up of the Corporation for purposes of this Section (3).

(b) After payment shall have been made in full to the holders of Preferred Stock, Series 2, as provided in this Section (3), the holders of Preferred Stock, Series 2 will not be entitled to any further participation in any distribution of assets of the Corporation. Subject to the rights of the holders of shares of any series or class or classes of stock ranking on a parity with or prior to the Preferred Stock, Series 2, upon liquidation, dissolution or winding up, upon any liquidation, dissolution or winding up of the Corporation, after payment shall have been made in full to the holders of Preferred Stock, Series 2, as provided in this Section (3), but not prior thereto, any other series or class or classes of stock ranking junior to the Preferred Stock, Series 2, shall, subject to the respective terms and provisions (if any) applying thereto, be entitled to receive any and all assets remaining to be paid or distributed, and the holders of the Preferred Stock, Series 2, shall not be entitled to share therein.

(4) **Redemption.** (a) The Preferred Stock, Series 2, may not be redeemed prior to November 28, 2009. On and after November 28, 2009, the Corporation, at its option, may redeem shares of the Preferred Stock, Series 2, as a whole at any time or in part from time to time, at a redemption price of \$30,000 per share, together in each case with declared and unpaid dividends, without accumulation of any undeclared dividends. The Chief Financial Officer or the Treasurer may exercise the Corporation's right to redeem the Preferred Stock, Series 2 as a whole at any time without further action of the Board of Directors or a duly authorized committee thereof. The Corporation may only elect to redeem the Preferred Stock, Series 2 in part pursuant to a resolution by the Board of Directors or a duly authorized committee thereof.

(b) In the event the Corporation shall redeem shares of Preferred Stock, Series 2, notice of such redemption shall be given by first class mail, postage prepaid, mailed not less than 30 days nor more than 60 days prior to the redemption date, to each holder of record of the shares to be redeemed, at such holder's address as the same appears on the stock register of the Corporation. Each such notice shall state: (1) the redemption date; (2) the number of shares of Preferred Stock, Series 2, to be redeemed and, if less than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (3) the redemption price; and (4) the place or places where certificates for such shares are to be surrendered for payment of the redemption price. Notice having been mailed as aforesaid, from and after the redemption date (unless default shall be made by the Corporation in providing money for the payment of the redemption price) said shares shall no longer be deemed to be outstanding, and all rights of the holders thereof as stockholders of the Corporation (except the right to receive from the Corporation the redemption price) shall cease. The Corporation's obligation to provide moneys in accordance with the preceding sentence shall be deemed fulfilled if, on or before the redemption date, the Corporation shall deposit with a bank or trust company (which may be an affiliate of the Corporation) having an office in the Borough of Manhattan, City of New York, having a capital and surplus of at least \$50,000,000, funds necessary for such redemption, in trust, with irrevocable instructions

that such funds be applied to the redemption of the shares of Preferred Stock, Series 2, so called for redemption. Any interest accrued on such funds shall be paid to the Corporation from time to time. Any funds so deposited and unclaimed at the end of two years from such redemption date shall be released or repaid to the Corporation, after which the holder or holders of such shares of Preferred Stock, Series 2, so called for redemption shall look only to the Corporation for payment of the redemption price.

Upon surrender, in accordance with said notice, of the certificates for any such shares so redeemed (properly endorsed or assigned for transfer, if the Board of Directors of the Corporation shall so require and the notice shall so state), such shares shall be redeemed by the Corporation at the applicable redemption price aforesaid. If less than all the outstanding shares of Preferred Stock, Series 2, are to be redeemed, shares to be redeemed shall be selected by the Board of Directors of the Corporation (or a duly authorized committee thereof) from outstanding shares of Preferred Stock, Series 2, not previously called for redemption by lot or *pro rata* or by any other method determined by the Board of Directors of the Corporation (or a duly authorized committee thereof) to be equitable. If fewer than all the shares represented by any certificate are redeemed, a new certificate shall be issued representing the unredeemed shares without charge to the holder thereof.

The Preferred Stock, Series 2 will not be subject to any mandatory redemption, sinking fund or other similar provisions. Holders of Preferred Stock, Series 2 will have no right to require redemption of any shares of Preferred Stock, Series 2.

(5) Terms Dependent on Regulatory Changes. If, (a) the Corporation (by election or otherwise) is subject to any law, rule, regulation or guidance (together, "Regulations") relating to its capital adequacy which Regulation (x) provides for a type or level of capital characterized as "Tier 1" in, or pursuant to Regulations of any governmental agency, authority or body having regulatory jurisdiction over the Corporation and implementing, the capital standards published by the Basel Committee on Banking Supervision, the Securities and Exchange Commission, the Board of Governors of the Federal Reserve System, or any other United States national governmental agency, authority or body, or (y) provides for a type or level of capital that in the judgment of the Board of Directors (or a duly authorized committee thereof) after consultation with legal counsel of recognized standing is substantially equivalent to such "Tier 1" capital (such capital described in either (x) or (y) is referred to below as "Tier 1 Capital"), and (b) the Board of Directors (or a duly authorized committee thereof) affirmatively elects to qualify the Preferred Stock, Series 2 for such Tier 1 Capital treatment without any sublimit or other quantitative restrictions on the inclusion of such Preferred Stock, Series 2 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) under such Regulations, then, upon such affirmative election, the terms of the Preferred Stock, Series 2 shall automatically be amended to reflect the following modifications (without any action or consent by the holders of the Preferred Stock, Series 2 or any other vote of stockholders of the Corporation):

(i) If and to the extent such modification is a Required Unrestricted Tier 1 Provision (as defined below), the Corporation's right to redeem the Preferred Stock, Series 2 on and after November 28, 2009 pursuant to Section 4 hereof shall be restricted (such restrictions including but not limited to any requirement that the Corporation receive prior approval for such redemption from any applicable governmental agency, authority or body or that such redemption be prohibited);

(ii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, the Corporation's right to make distributions with respect to, or redeem, purchase or acquire or make payments on, securities junior to the Preferred Stock, Series 2 (upon a non-payment of dividends on the Preferred Stock, Series 2) shall become subject to additional restrictions (other than those set forth in Section 2(d) hereof) pursuant to the terms of the Preferred Stock, Series 2; and

(iii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, any other new provisions or terms shall be added to the Preferred Stock, Series 2, or existing terms shall be modified; provided, however, that no such provision or term shall be added, and no such modification shall be made pursuant to the terms of this Section 5(iii), if it would alter or change the rights, powers or preferences of the shares of the Preferred Stock, Series 2 so as to affect the shares of the Preferred Stock, Series 2 adversely.

As used above, the term "Required Unrestricted Tier 1 Provision" means a term which is, in the written opinion of legal counsel of recognized standing and delivered to the Corporation, required for the Preferred Stock, Series 2 to be treated as Tier 1 Capital of the Corporation without any sublimit or other quantitative restriction on the inclusion of such Preferred Stock, Series 2 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) pursuant to the applicable Regulations. The Corporation shall provide notice to holders of any Preferred Stock, Series 2 of any such changes in the terms of the Preferred Stock, Series 2 made pursuant to the terms of this Section 5 on or about the date of effectiveness of any such modification and shall maintain a copy of such notice on file at the principal offices of the Corporation. A copy of the relevant Regulations shall also be on file at the principal offices of the Corporation and, upon request, will be made available to such holders.

(6) Voting Rights. The Preferred Stock, Series 2, shall have no voting rights, except as hereinafter set forth or as otherwise from time to time required by law.

The holders of the Preferred Stock shall be entitled to vote on all matters submitted to a vote of the holders of Common Stock of the Corporation, voting together with the holders of Common Stock as one class. Each share of Preferred Stock shall be entitled to 150 votes.

Whenever dividends payable on the Preferred Stock, Series 2, have not been declared or paid for such number of Dividend Periods, whether or not consecutive, which in the aggregate is equivalent to six Dividend Periods (a “Nonpayment”), the holders of outstanding shares of the Preferred Stock, Series 2, shall have the exclusive right, voting as a class with holders of shares of all other series of preferred stock ranking on a parity with the Preferred Stock, Series 2, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable (to the extent such other series of preferred stock are entitled to vote pursuant to the terms thereof), to vote for the election of two additional directors at the next annual meeting of stockholders and at each subsequent annual meeting of stockholders on the terms set forth below. At elections for such directors, each holder of the Preferred Stock, Series 2, shall be entitled to three votes for each share of Preferred Stock, Series 2 held (the holders of shares of any other series of preferred stock ranking on such a parity being entitled to such number of votes, if any, for each share of stock held as may be granted to them).

Upon the vesting of such right of such holders, the maximum authorized number of members of the Board of Directors shall automatically be increased by two and the two vacancies so created shall be filled by vote of the holders of such outstanding shares of Preferred Stock, Series 2, (either alone or together with the holders of shares of all other series of preferred stock ranking on such a parity) as hereinafter set forth. The right of such holders of such shares of the Preferred Stock, Series 2, voting as a class with holders of shares of all other series of preferred stock ranking on such a parity, to elect members of the Board of Directors of the Corporation as aforesaid shall continue until all dividends on such shares of Preferred Stock, Series 2, shall have been paid in full for at least four Dividend Periods following the Nonpayment. Upon payment in full of such dividends, such voting rights shall terminate except as expressly provided by law, subject to re-vesting in the event of each and every subsequent Nonpayment in the payment of dividends as aforesaid.

Upon termination of the right of the holders of the Preferred Stock, Series 2, to vote for directors as provided in the previous paragraph, the term of office of all directors then in office elected by such holders will terminate immediately. If the office of any director elected by such holders voting as a class becomes vacant by reason of death, resignation, retirement, disqualification, removal from office or otherwise, the remaining director elected by such holders voting as a class may choose a successor who shall hold office for the unexpired term in respect of which such vacancy occurred. Whenever the term of office of the directors elected by such holders voting as a class shall end and the special voting rights shall have expired, the number of directors shall be such number as may be provided for in the By-laws irrespective of any increase made pursuant to the provisions hereof.

So long as any shares of the Preferred Stock, Series 2, remain outstanding, the affirmative vote or consent of the holders of at least two-thirds of the shares of the Preferred Stock, Series 2, outstanding at the time (voting as a class with all other series of preferred stock ranking on a parity with the Preferred Stock, Series 2, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable), given in person or by proxy, either in writing or at any meeting called for the purpose, shall be necessary to permit, effect or validate any one or more of the following:

- (i) the authorization, creation or issuance, or any increase in the authorized or issued amount, of any class or series of stock ranking prior to the Preferred Stock, Series 2, with respect to payment of dividends or the distribution of assets upon liquidation, dissolution or winding up; or
- (ii) the amendment, alteration or repeal, whether by merger, consolidation or otherwise, of any of the provisions of the Amended and Restated Certificate of Incorporation, as amended, or of the resolutions set forth in a Certificate of Designations for such Preferred Stock, Series 2, which would adversely affect any right, preference, privilege or voting power of the Preferred Stock, Series 2, or of the holders thereof; provided, however, that any increase in the amount of issued Preferred Stock, Series 2 or authorized preferred stock or the creation and issuance, or an increase in the authorized or issued amount, of other series of preferred stock, in each case ranking on a parity with or junior to the Preferred Stock, Series 2, with respect to the payment of dividends (whether such dividends were cumulative or non-cumulative) and the distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such rights, preferences, privileges or voting powers.

Without the consent of the holders of the Preferred Stock, Series 2, so long as such action does not adversely affect the interests of holders of Preferred Stock, Series 2, the Corporation may amend, alter, supplement or repeal any terms of the Preferred Stock, Series 2:

(i) to cure any ambiguity, or to cure, correct or supplement any provision contained in a Certificate of Designations for such Preferred Stock, Series 2 that may be defective or inconsistent; or

(ii) to make any provision with respect to matters or questions arising with respect to the Preferred Stock, Series 2 that is not inconsistent with the provisions of a Certificate of Designations for such Preferred Stock, Series 2.

The rules and procedures for calling and conducting any meeting of the holders of Preferred Stock, Series 2 (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such a meeting, the obtaining of written consents, and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors of the Corporation, or a duly authorized committee thereof, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of any national securities exchange on which the Preferred Stock, Series 2 are listed at the time.

The foregoing voting provisions shall not apply if, at or prior to the time when the act with respect to which such vote would otherwise be required shall be effected, all outstanding shares of Preferred Stock, Series 2, shall have been redeemed or sufficient funds shall have been deposited in trust to effect such a redemption which is scheduled to be consummated within three months after the time that such rights would otherwise be exercisable.

(7) Record Holders. The Corporation and the transfer agent for the Preferred Stock, Series 2, may deem and treat the record holder of any share of such Preferred Stock as the true and lawful owner thereof for all purposes, and neither the Corporation nor such transfer agent shall be affected by any notice to the contrary.

(8) Ranking. Any class or classes of stock of the Corporation shall be deemed to rank:

(i) on a parity with the Preferred Stock, Series 2, as to dividends or as to distribution of assets upon liquidation, dissolution or winding up, whether or not the dividend rates, dividend payment dates, or redemption or liquidation prices per share thereof be different from those of the Preferred Stock, Series 2, if the holders of such class of stock and the Preferred Stock, Series 2, shall be entitled to the receipt of dividends or of amounts distributable upon liquidation, dissolution or winding up, as the case may be, in proportion to their respective dividend rates (whether cumulative or non-cumulative) or liquidation prices, without preference or priority one over the other; and

(ii) junior to the Preferred Stock, Series 2, as to dividends or as to the distribution of assets upon liquidation, dissolution or winding up, if such stock shall be Common Stock or if the holders of Preferred Stock, Series 2, shall be entitled to receipt of dividends or of amounts distributable upon dissolution, liquidation or winding up, as the case may be, in preference or priority to the holders of shares of such stock.

(iii) The Shares of Preferred Stock of the Corporation designated "Floating Rate Non-Cumulative Preferred Stock, Series 1," "6.375% Non-Cumulative Preferred Stock, Series 3," "Floating Rate Non-Cumulative Preferred Stock, Series 4," "Floating Rate Non-Cumulative Preferred Stock, Series 5," "6.70% Non-Cumulative Perpetual Preferred Stock, Series 6," "6.25% Non-Cumulative Perpetual Preferred Stock, Series 7," "8.625% Non-Cumulative Preferred Stock, Series 8," "Cumulative Redeemable Preferred Stock, Series B," "Floating Rate Non-Cumulative Preferred Stock, Series E," "6.204% Non-Cumulative Preferred Stock, Series D" "Floating Rate Non-Cumulative Preferred Stock, Series F," "Adjustable Rate Non-Cumulative Preferred Stock, Series G," "8.20% Non-Cumulative Preferred Stock, Series H," "6.625% Non-Cumulative Preferred Stock, Series I," "7.25% Non-Cumulative Preferred Stock, Series J," "7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L," "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K," and "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M," and any other class or series of stock of the Corporation hereafter authorized that ranks on parity with the Preferred Stock, Series 2, as to dividends and distribution of assets upon liquidation, dissolution or winding up of the Corporation, shall be deemed to rank on a parity with the shares of the Preferred Stock, Series 2, as to dividends and distribution of assets upon the liquidation, dissolution or winding up of the Corporation.

(9) Exclusion of Other Rights. Unless otherwise required by law, shares of Preferred Stock, Series 2, shall not have any rights, including preemptive rights, or preferences other than those specifically set forth herein or as provided by applicable law.

(10) Notices. All notices or communications unless otherwise specified in the By-laws of the Corporation or the Amended and Restated Certificate of Incorporation, as amended, shall be sufficiently given if in writing and delivered in person or by first class mail, postage prepaid. Notice shall be deemed given on the earlier of the date received or the date such notice is mailed.

IN WITNESS WHEREOF, the undersigned, being duly authorized thereto, does hereby affirm, under penalties of perjury, that this certificate is the act and deed of the Corporation and that the facts herein stated are true, and accordingly has hereunto set her hand this 31st day of December, 2008.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

[Signature Page to Certificate of Designations, Series 2]

Exhibit G

Floating Rate Non-Cumulative Preferred Stock, Series 4

BANK OF AMERICA CORPORATION

CERTIFICATE OF DESIGNATIONS

Pursuant to Section 151 of the
General Corporation Law of the State of Delaware

FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 4
(Par Value \$0.01 Per Share)

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation"), hereby certifies that the following resolutions were adopted by the Board of Directors of the Corporation (the "Board of Directors") pursuant to the authority of the Board of Directors as conferred by Section 151 of the General Corporation Law of the State of Delaware, at a meeting duly convened and held on December 9, 2008:

RESOLVED, that pursuant to the authority granted to and vested in the Board of Directors by the Amended and Restated Certificate of Incorporation of the Corporation, the Board of Directors hereby creates a series of the Corporation's previously authorized preferred stock, par value \$0.01 per share (the "Preferred Stock"), and hereby states the designation and number of shares thereof and establishes the voting powers, preferences and relative, participating, optional and other special rights, and the qualifications, limitations and restrictions thereof, as follows:

FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 4

(1) Number of Shares and Designation. 20,000 shares of the preferred stock, par value \$0.01 per share, of the Corporation are hereby constituted as a series of preferred stock, par value \$0.01 per share, designated as Floating Rate Non-Cumulative Preferred Stock, Series 4 (hereinafter called the "Preferred Stock, Series 4").

(2) Dividends. (a) The holders of shares of the Preferred Stock, Series 4, shall be entitled to receive, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), out of assets of the Corporation legally available under Delaware law for the payment of dividends, non-cumulative cash dividends at the rate set forth below in this Section (2) applied to the amount of \$30,000 per share. Such dividends shall be payable quarterly, in arrears, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), on February 28, May 28, August 28 and November 28 (the "Payment Dates") commencing on February 28, 2009; provided that if any such Payment Date is not a New York Business Day and London Business Day, the Payment Date will be the next succeeding day that is a New York Business Day and London Business Day, unless such day falls in the next calendar month, in which case the Payment Date will be the immediately preceding New York Business Day and London Business Day. Each such dividend shall be payable to the holders of record of shares of the Preferred Stock, Series 4, as they appear on the stock register of the Corporation on such record dates, which shall be a date not more than 30 days nor less than 10 days preceding the applicable Payment Dates, as shall be fixed by the Board of Directors of the Corporation (or a duly authorized committee thereof). "London Business Day" means a day other than a Saturday or Sunday on which dealings in deposits in U.S. dollars are transacted, or with respect to any future date are expected to be transacted, in the London interbank market. A "New York Business Day" means any day that is not a Saturday or Sunday and that, in New York City, is not a day on which banking institutions generally are authorized or obligated by law or executive order to be closed.

(b) (i) Dividend periods ("Dividend Periods") shall commence on each Payment Date (other than the initial Dividend Period which shall be deemed to have commenced on November 28, 2008) and shall end on and exclude the next succeeding Payment Date. The dividend rate on the shares of Preferred Stock, Series 4, for each Dividend Period shall be a floating rate *per annum* equal to three-month U.S. dollar LIBOR plus 0.75%, but in no event will the rate be less than 4.00% *per annum*, of the \$30,000 liquidation preference per share of Preferred Stock, Series 4.

The "three-month U.S. dollar LIBOR", with respect to a Dividend Period, means the rate (expressed as a percentage *per annum*) for deposits in U.S. dollars for a three month period that normally appears on Moneyline Telerate Page 3750, as displayed on page "BBAM" (British Bankers Association Official BBA LIBOR Fixings) in the Bloomberg Professional Service (or any other service that may replace Moneyline Telerate, Inc. on page BBAM or any other page that may replace page BBAM on the Bloomberg Professional Service or a successor service, in each case, for the purpose of displaying London interbank

offered rates of major banks) as of 11:00 a.m. (London time) on the second London Business Day immediately preceding the first day of such Dividend Period.

If three-month U.S. dollar LIBOR cannot be determined as described above, the Corporation will select four major banks in the London interbank market. The Corporation will request that the principal London offices of those four selected banks provide their offered quotations to prime banks in the London interbank market at approximately 11:00 a.m., London time, on the second London Business Day immediately preceding the first day of such Dividend Period. These quotations will be for deposits in U.S. dollars for a three month period. Offered quotations must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time.

If two or more quotations are provided, three-month U.S. dollar LIBOR for the Dividend Period will be the arithmetic mean of the quotations. If fewer than two quotations are provided, the Corporation will select three major banks in New York City and will then determine three-month U.S. dollar LIBOR for the Dividend Period as the arithmetic mean of rates quoted by those three major banks in New York City to leading European banks at approximately 3:00 p.m., New York City time, on the second London Business Day immediately preceding the first day of such Dividend Period. The rates quoted will be for loans in U.S. dollars, for a three month period. Rates quoted must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time. If fewer than three New York City banks selected by the Corporation are quoting rates, three-month U.S. dollar LIBOR for the applicable period will be the same as for the immediately preceding Dividend Period.

(ii) Dividends on the Preferred Stock, Series 4, shall (if and when declared, as herein provided) be computed on the basis of a 360-day year and the actual number of days elapsed in each Dividend Period. Accordingly, the amount of dividends payable per share for each Dividend Period (including the initial Dividend Period) for the Preferred Stock, Series 4 shall (if and when declared, as herein provided) equal the product of (i) the applicable dividend rate, (ii) \$30,000 and (iii) a fraction (A) the numerator of which will be the actual number of days elapsed in such Dividend Period, and (B) the denominator of which will be 360. The amount of dividends payable on the Preferred Stock, Series 4, shall be rounded to the nearest cent, with one-half cent being rounded upwards.

(c) So long as any shares of the Preferred Stock, Series 4 are outstanding, the Corporation may not declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire (except for purchases by the Corporation or its affiliates in connection with transactions effected by or for the account of customers of the Corporation or customers of any of its subsidiaries or in connection with the distribution or trading of such stock), or make a liquidation payment with respect to the preferred stock of the Corporation of any series and any other stock of the Corporation ranking, as to dividends, on a parity with the Preferred Stock, Series 4 unless for such Dividend Period full dividends on all outstanding shares of Preferred Stock, Series 4 have been declared, paid or set aside for payment. When dividends are not paid in full, as aforesaid, upon the shares of the Preferred Stock, Series 4, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends with the Preferred Stock, Series 4, all dividends declared upon shares of the Preferred Stock, Series 4, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends (whether cumulative or non-cumulative) shall be declared *pro rata* so that the amount of dividends declared per share on the Preferred Stock, Series 4, and all such other stock of the Corporation shall in all cases bear to each other the same ratio that accrued dividends per share on the shares of the Preferred Stock, Series 4 (but without, in the case of any non-cumulative preferred stock, accumulation of unpaid dividends for prior Dividend Periods) and all such other stock bear to each other.

(d) So long as any shares of the Preferred Stock, Series 4 are outstanding, the Corporation may not, at any time, declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire, or make a liquidation payment with respect to, any Common Stock or any other stock of the Corporation ranking as to dividends or distribution of assets junior to the Preferred Stock, Series 4 unless full dividends on all outstanding shares of Preferred Stock, Series 4 have been declared, paid or set aside for payment for the immediately preceding Dividend Period (except for (x) dividends or distributions paid in shares of, or options, warrants or rights to subscribe for or purchase shares of, the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 4 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation, (y) redemptions or purchases of any rights pursuant to the Amended and Restated Rights Agreement, adopted on December 2, 1997 or any agreement that replaces such Amended and Restated Rights Agreement, or by conversion or exchange for the Corporation's capital stock ranking junior to Preferred Stock, Series 4 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation and (z) purchases by the Corporation or its affiliates in connection with transactions effected by or for the account of customers of the Corporation or customers of any of its subsidiaries or in connection with the distribution or trading of such capital stock); provided, however, that the foregoing dividend preference shall not be cumulative and shall not in any way create any claim or right in favor of the holders of Preferred Stock, Series 4 in the event that dividends have not been declared or paid on the Preferred Stock, Series 4 in respect of any prior Dividend Period. If the full dividend on the Preferred Stock, Series 4 is not paid for any Dividend Period, the holders of Preferred Stock, Series 4 will have no claim in respect of the unpaid amount so long as no dividend (other than those

referred to above) is paid on the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 4 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation.

(e) No dividends may be declared or paid or set aside for payment on any shares of Preferred Stock, Series 4 if at the same time any arrears exists in the payment of dividends on any outstanding class or series of stock of the Corporation ranking, as to the payment of dividends, prior to the Preferred Stock, Series 4.

(f) Holders of shares of the Preferred Stock, Series 4, shall not be entitled to any dividends, whether payable in cash, property or stock, in excess of full dividends, as herein provided, on the Preferred Stock, Series 4. No interest, or sum of money in lieu of interest, shall be payable in respect of any dividend payment or payments on the Preferred Stock, Series 4, which may be in arrears.

(3) **Liquidation Preference.** (a) In the event of any liquidation, dissolution or winding up of the Corporation, whether voluntary or involuntary, before any payment or distribution of the assets of the Corporation or proceeds thereof (whether capital or surplus) shall be made to or set apart for the holders of any series or class or classes of stock of the Corporation ranking junior to the Preferred Stock, Series 4, upon liquidation, dissolution, or winding up, the holders of the shares of the Preferred Stock, Series 4, shall be entitled to receive \$30,000 per share plus an amount equal to declared and unpaid dividends, without accumulation of undeclared dividends. If, upon any liquidation, dissolution, or winding up of the Corporation, the assets of the Corporation, or proceeds thereof, distributable among the holders of the shares of the Preferred Stock, Series 4, shall be insufficient to pay in full the preferential amount aforesaid and liquidating payments on any other shares of preferred stock ranking, as to liquidation, dissolution or winding up, on a parity with the Preferred Stock, Series 4, then such assets, or the proceeds thereof, shall be distributed among the holders of shares of Preferred Stock, Series 4, and any such other preferred stock ratably in accordance with the respective amounts which would be payable on such shares of Preferred Stock, Series 4, and any such other preferred stock if all amounts payable thereon were paid in full. For the purposes of this Section (3), neither the sale, lease or exchange (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation, nor the consolidation, merger or combination of the Corporation into or with one or more corporations or the consolidation, merger or combination of any other corporation or entity into or with the Corporation, shall be deemed to be a voluntary or involuntary liquidation, dissolution or winding up of the Corporation for purposes of this Section (3).

(b) After payment shall have been made in full to the holders of Preferred Stock, Series 4, as provided in this Section (3), the holders of Preferred Stock, Series 4 will not be entitled to any further participation in any distribution of assets of the Corporation. Subject to the rights of the holders of shares of any series or class or classes of stock ranking on a parity with or prior to the Preferred Stock, Series 4, upon liquidation, dissolution or winding up, upon any liquidation, dissolution or winding up of the Corporation, after payment shall have been made in full to the holders of Preferred Stock, Series 4, as provided in this Section (3), but not prior thereto, any other series or class or classes of stock ranking junior to the Preferred Stock, Series 4, shall, subject to the respective terms and provisions (if any) applying thereto, be entitled to receive any and all assets remaining to be paid or distributed, and the holders of the Preferred Stock, Series 4, shall not be entitled to share therein.

(4) **Redemption.** (a) The Preferred Stock, Series 4, may not be redeemed prior to November 28, 2010. On and after November 28, 2010, the Corporation, at its option, may redeem shares of the Preferred Stock, Series 4, as a whole at any time or in part from time to time, at a redemption price of \$30,000 per share, together in each case with declared and unpaid dividends, without accumulation of any undeclared dividends. The Chief Financial Officer or the Treasurer may exercise the Corporation's right to redeem the Preferred Stock, Series 4 as a whole at any time without further action of the Board of Directors or a duly authorized committee thereof. The Corporation may only elect to redeem the Preferred Stock, Series 4 in part pursuant to a resolution by the Board of Directors or a duly authorized committee thereof.

(b) In the event the Corporation shall redeem shares of Preferred Stock, Series 4, notice of such redemption shall be given by first class mail, postage prepaid, mailed not less than 30 days nor more than 60 days prior to the redemption date, to each holder of record of the shares to be redeemed, at such holder's address as the same appears on the stock register of the Corporation. Each such notice shall state: (1) the redemption date; (2) the number of shares of Preferred Stock, Series 4, to be redeemed and, if less than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (3) the redemption price; and (4) the place or places where certificates for such shares are to be surrendered for payment of the redemption price. Notice having been mailed as aforesaid, from and after the redemption date (unless default shall be made by the Corporation in providing money for the payment of the redemption price) said shares shall no longer be deemed to be outstanding, and all rights of the holders thereof as stockholders of the Corporation (except the right to receive from the Corporation the redemption price) shall cease. The Corporation's obligation to provide moneys in accordance with the preceding sentence shall be deemed fulfilled if, on or before the redemption date, the Corporation shall deposit with a bank or trust company (which may be an affiliate of the Corporation) having an office in the Borough of Manhattan, City of New York, having a capital and surplus of at least \$50,000,000, funds necessary for such redemption, in trust, with irrevocable instructions that such funds be applied to the redemption of the shares of Preferred Stock, Series 4, so called for redemption. Any interest

accrued on such funds shall be paid to the Corporation from time to time. Any funds so deposited and unclaimed at the end of two years from such redemption date shall be released or repaid to the Corporation, after which the holder or holders of such shares of Preferred Stock, Series 4, so called for redemption shall look only to the Corporation for payment of the redemption price.

Upon surrender, in accordance with said notice, of the certificates for any such shares so redeemed (properly endorsed or assigned for transfer, if the Board of Directors of the Corporation shall so require and the notice shall so state), such shares shall be redeemed by the Corporation at the applicable redemption price aforesaid. If less than all the outstanding shares of Preferred Stock, Series 4, are to be redeemed, shares to be redeemed shall be selected by the Board of Directors of the Corporation (or a duly authorized committee thereof) from outstanding shares of Preferred Stock, Series 4, not previously called for redemption by lot or *pro rata* or by any other method determined by the Board of Directors of the Corporation (or a duly authorized committee thereof) to be equitable. If fewer than all the shares represented by any certificate are redeemed, a new certificate shall be issued representing the unredeemed shares without charge to the holder thereof.

The Preferred Stock, Series 4 will not be subject to any mandatory redemption, sinking fund or other similar provisions. Holders of Preferred Stock, Series 4 will have no right to require redemption of any shares of Preferred Stock, Series 4.

(5) Terms Dependent on Regulatory Changes. If, (a) the Corporation (by election or otherwise) is subject to any law, rule, regulation or guidance (together, "Regulations") relating to its capital adequacy which Regulation (x) provides for a type or level of capital characterized as "Tier 1" in, or pursuant to Regulations of any governmental agency, authority or body having regulatory jurisdiction over the Corporation and implementing, the capital standards published by the Basel Committee on Banking Supervision, the Securities and Exchange Commission, the Board of Governors of the Federal Reserve System, or any other United States national governmental agency, authority or body, or (y) provides for a type or level of capital that in the judgment of the Board of Directors (or a duly authorized committee thereof) after consultation with legal counsel of recognized standing is substantially equivalent to such "Tier 1" capital (such capital described in either (x) or (y) is referred to below as "Tier 1 Capital"), and (b) the Board of Directors (or a duly authorized committee thereof) affirmatively elects to qualify the Preferred Stock, Series 4 for such Tier 1 Capital treatment without any sublimit or other quantitative restrictions on the inclusion of such Preferred Stock, Series 4 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) under such Regulations, then, upon such affirmative election, the terms of the Preferred Stock, Series 4 shall automatically be amended to reflect the following modifications (without any action or consent by the holders of the Preferred Stock, Series 4 or any other vote of stockholders of the Corporation):

(i) If and to the extent such modification is a Required Unrestricted Tier 1 Provision (as defined below), the Corporation's right to redeem the Preferred Stock, Series 4 on and after November 28, 2010 pursuant to Section 4 hereof shall be restricted (such restrictions including but not limited to any requirement that the Corporation receive prior approval for such redemption from any applicable governmental agency, authority or body or that such redemption be prohibited);

(ii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, the Corporation's right to make distributions with respect to, or redeem, purchase or acquire or make payments on, securities junior to the Preferred Stock, Series 4 (upon a non-payment of dividends on the Preferred Stock, Series 4) shall become subject to additional restrictions (other than those set forth in Section 2(d) hereof) pursuant to the terms of the Preferred Stock, Series 4; and

(iii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, any other new provisions or terms shall be added to the Preferred Stock, Series 4, or existing terms shall be modified provided, however, that no such provision or term shall be added, and no such modification shall be made pursuant to the terms of this Section 5(iii), if it would alter or change the rights, powers or preferences of the shares of the Preferred Stock, Series 4 so as to affect the shares of the Preferred Stock, Series 4 adversely.

As used above, the term "Required Unrestricted Tier 1 Provision" means a term which is, in the written opinion of legal counsel of recognized standing and delivered to the Corporation, required for the Preferred Stock, Series 4 to be treated as Tier 1 Capital of the Corporation without any sublimit or other quantitative restriction on the inclusion of such Preferred Stock, Series 4 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) pursuant to the applicable Regulations. The Corporation shall provide notice to holders of any Preferred Stock, Series 4 of any such changes in the terms of the Preferred Stock, Series 4 made pursuant to the terms of this Section 5 on or about the date of effectiveness of any such modification and shall maintain a copy of such notice on file at the principal offices of the Corporation. A copy of the relevant Regulations shall also be on file at the principal offices of the Corporation and, upon request, will be made available to such holders.

For the avoidance of doubt, "amend", "modify", "change" and words of similar effect used in this Section (5) mean that the Preferred Stock, Series 4 shall have such additional or different rights, powers and preferences, and such qualifications,

limitations and restrictions as may be established by the Board of directors (or a duly authorized committee thereof) pursuant to this Section (5), subject to the limitations set forth herein.

(6) Voting Rights. The Preferred Stock, Series 4, shall have no voting rights, except as hereinafter set forth or as otherwise from time to time required by law.

The holders of the Preferred Stock shall be entitled to vote on all matters submitted to a vote of the holders of Common Stock of the Corporation, voting together with the holders of Common Stock as one class. Each share of Preferred Stock shall be entitled to 150 votes.

Whenever dividends payable on the Preferred Stock, Series 4, have not been declared or paid for such number of Dividend Periods, whether or not consecutive, which in the aggregate is equivalent to six Dividend Periods (a “Nonpayment”), the holders of outstanding shares of the Preferred Stock, Series 4, shall have the exclusive right, voting as a class with holders of shares of all other series of preferred stock ranking on a parity with the Preferred Stock, Series 4, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable (to the extent such other series of preferred stock are entitled to vote pursuant to the terms thereof), to vote for the election of two additional directors at the next annual meeting of stockholders and at each subsequent annual meeting of stockholders on the terms set forth below. At elections for such directors, each holder of the Preferred Stock, Series 4, shall be entitled to three votes for each share of Preferred Stock, Series 4 held (the holders of shares of any other series of preferred stock ranking on such a parity being entitled to such number of votes, if any, for each share of stock held as may be granted to them). Upon the vesting of such right of such holders, the maximum authorized number of members of the Board of Directors shall automatically be increased by two and the two vacancies so created shall be filled by vote of the holders of such outstanding shares of Preferred Stock, Series 4, (either alone or together with the holders of shares of all other series of preferred stock ranking on such a parity) as hereinafter set forth. The right of such holders of such shares of the Preferred Stock, Series 4, voting as a class with holders of shares of all other series of preferred stock ranking on such a parity, to elect members of the Board of Directors of the Corporation as aforesaid shall continue until all dividends on such shares of Preferred Stock, Series 4, shall have been paid in full for at least four Dividend Periods following the Nonpayment. Upon payment in full of such dividends, such voting rights shall terminate except as expressly provided by law, subject to re-vesting in the event of each and every subsequent Nonpayment in the payment of dividends as aforesaid.

Upon termination of the right of the holders of the Preferred Stock, Series 4, to vote for directors as provided in the previous paragraph, the term of office of all directors then in office elected by such holders will terminate immediately. If the office of any director elected by such holders voting as a class becomes vacant by reason of death, resignation, retirement, disqualification, removal from office or otherwise, the remaining director elected by such holders voting as a class may choose a successor who shall hold office for the unexpired term in respect of which such vacancy occurred. Whenever the term of office of the directors elected by such holders voting as a class shall end and the special voting rights shall have expired, the number of directors shall be such number as may be provided for in the By-laws irrespective of any increase made pursuant to the provisions hereof.

So long as any shares of the Preferred Stock, Series 4, remain outstanding, the affirmative vote or consent of the holders of at least two-thirds of the shares of the Preferred Stock, Series 4, outstanding at the time (voting as a class with all other series of preferred stock ranking on a parity with the Preferred Stock, Series 4, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable), given in person or by proxy, either in writing or at any meeting called for the purpose, shall be necessary to permit, effect or validate any one or more of the following:

(i) the authorization, creation or issuance, or any increase in the authorized or issued amount, of any class or series of stock ranking prior to the Preferred Stock, Series 4, with respect to payment of dividends or the distribution of assets upon liquidation, dissolution or winding up; or

(ii) the amendment, alteration or repeal, whether by merger, consolidation or otherwise, of any of the provisions of the Amended and Restated Certificate of Incorporation, as amended, or of the resolutions set forth in a Certificate of Designations for such Preferred Stock, Series 4, which would adversely affect any right, preference, privilege or voting power of the Preferred Stock, Series 4, or of the holders thereof; provided, however, that any increase in the amount of issued Preferred Stock, Series 4 or authorized preferred stock or the creation and issuance, or an increase in the authorized or issued amount, of other series of preferred stock, in each case ranking on a parity with or junior to the Preferred Stock, Series 4, with respect to the payment of dividends (whether such dividends were cumulative or non-cumulative) and the distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such rights, preferences, privileges or voting powers.

Without the consent of the holders of the Preferred Stock, Series 4, so long as such action does not adversely affect the interests of holders of Preferred Stock, Series 4, the Corporation may amend, alter, supplement or repeal any terms of the Preferred Stock, Series 4:

(i) to cure any ambiguity, or to cure, correct or supplement any provision contained in a Certificate of Designations for such Preferred Stock, Series 4 that may be defective or inconsistent; or

(ii) to make any provision with respect to matters or questions arising with respect to the Preferred Stock, Series 4 that is not inconsistent with the provisions of a Certificate of Designations for such Preferred Stock, Series 4.

The rules and procedures for calling and conducting any meeting of the holders of Preferred Stock, Series 4 (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such a meeting, the obtaining of written consents, and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors of the Corporation, or a duly authorized committee thereof, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of any national securities exchange on which the Preferred Stock, Series 4 are listed at the time.

The foregoing voting provisions shall not apply if, at or prior to the time when the act with respect to which such vote would otherwise be required shall be effected, all outstanding shares of Preferred Stock, Series 4, shall have been redeemed or sufficient funds shall have been deposited in trust to effect such a redemption which is scheduled to be consummated within three months after the time that such rights would otherwise be exercisable.

(7) Record Holders. The Corporation and the transfer agent for the Preferred Stock, Series 4, may deem and treat the record holder of any share of such Preferred Stock as the true and lawful owner thereof for all purposes, and neither the Corporation nor such transfer agent shall be affected by any notice to the contrary.

(8) Ranking. Any class or classes of stock of the Corporation shall be deemed to rank:

(i) on a parity with the Preferred Stock, Series 4, as to dividends or as to distribution of assets upon liquidation, dissolution or winding up, whether or not the dividend rates, dividend payment dates, or redemption or liquidation prices per share thereof be different from those of the Preferred Stock, Series 4, if the holders of such class of stock and the Preferred Stock, Series 4, shall be entitled to the receipt of dividends or of amounts distributable upon liquidation, dissolution or winding up, as the case may be, in proportion to their respective dividend rates (whether cumulative or non-cumulative) or liquidation prices, without preference or priority one over the other; and

(ii) junior to the Preferred Stock, Series 4, as to dividends or as to the distribution of assets upon liquidation, dissolution or winding up, if such stock shall be Common Stock or if the holders of Preferred Stock, Series 4, shall be entitled to receipt of dividends or of amounts distributable upon dissolution, liquidation or winding up, as the case may be, in preference or priority to the holders of shares of such stock.

(iii) The Shares of Preferred Stock of the Corporation designated "Floating Rate Non-Cumulative Preferred Stock, Series 1" and "Floating Rate Non-Cumulative Preferred Stock, Series 2" and the Shares of Preferred Stock of the Corporation designated "6.375% Non-Cumulative Preferred Stock, Series 3," "Floating Rate Non-Cumulative Preferred Stock, Series 5," "6.70% Non-Cumulative Perpetual Preferred Stock, Series 6," "6.25% Non-Cumulative Perpetual Preferred Stock, Series 7," "8.625% Non-Cumulative Preferred Stock, Series 8," "Cumulative Redeemable Preferred Stock, Series B," "Floating Rate Non-Cumulative Preferred Stock, Series E," "6.204% Non-Cumulative Preferred Stock, Series D" "Floating Rate Non-Cumulative Preferred Stock, Series F," "Adjustable Rate Non-Cumulative Preferred Stock, Series G," "8.20% Non-Cumulative Preferred Stock, Series H," "6.625% Non-Cumulative Preferred Stock, Series I," "7.25% Non-Cumulative Preferred Stock, Series J," "7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L," "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K," and "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M," and any other class or series of stock of the Corporation hereafter authorized that ranks on parity with the Preferred Stock, Series 4, as to dividends and distribution of assets upon liquidation, dissolution or winding up of the Corporation, shall be deemed to rank on a parity with the shares of the Preferred Stock, Series 4, as to dividends and distribution of assets upon the liquidation, dissolution or winding up of the Corporation.

(9) Exclusion of Other Rights. Unless otherwise required by law, shares of Preferred Stock, Series 4, shall not have any rights, including preemptive rights, or preferences other than those specifically set forth herein or as provided by applicable law.

(10) Notices. All notices or communications unless otherwise specified in the By-laws of the Corporation or the Amended and Restated Certificate of Incorporation, as amended, shall be sufficiently given if in writing and delivered in person or by first class mail, postage prepaid. Notice shall be deemed given on the earlier of the date received or the date such notice is mailed.

IN WITNESS WHEREOF, the undersigned, being duly authorized thereto, does hereby affirm, under penalties of perjury, that this certificate is the act and deed of the Corporation and that the facts herein stated are true, and accordingly has hereunto set her hand this 31st day of December, 2008.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

[Signature Page to Certificate of Designations, Series 4]

Exhibit H

Floating Rate Non-Cumulative Preferred Stock, Series 5

BANK OF AMERICA CORPORATION

**CERTIFICATE OF DESIGNATIONS
Pursuant to Section 151 of the
General Corporation Law of the State of Delaware**

**FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 5
(Par Value \$0.01 Per Share)**

Bank of America Corporation, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation"), hereby certifies that the following resolutions were adopted by the Board of Directors of the Corporation (the "Board of Directors") pursuant to the authority of the Board of Directors as conferred by Section 151 of the General Corporation Law of the State of Delaware, at a meeting duly convened and held on December 9, 2008:

RESOLVED, that pursuant to the authority granted to and vested in the Board of Directors by the Amended and Restated Certificate of Incorporation of the Corporation, the Board of Directors hereby creates a series of the Corporation's previously authorized preferred stock, par value \$0.01 per share (the "Preferred Stock"), and hereby states the designation and number of shares thereof and establishes the voting powers, preferences and relative, participating, optional and other special rights, and the qualifications, limitations and restrictions thereof, as follows:

FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES 5

(1) Number of Shares and Designation. 50,000 shares of the preferred stock, par value \$0.01 per share, of the Corporation are hereby constituted as a series of preferred stock, par value \$0.01 per share, designated as Floating Rate Non-Cumulative Preferred Stock, Series 5 (hereinafter called the "Preferred Stock, Series 5").

(2) Dividends. (a) The holders of shares of the Preferred Stock, Series 5, shall be entitled to receive, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), out of assets of the Corporation legally available under Delaware law for the payment of dividends, non-cumulative cash dividends at the rate set forth below in this Section (2) applied to the amount of \$30,000 per share. Such dividends shall be payable quarterly, in arrears, as, if and when declared by the Board of Directors of the Corporation (or a duly authorized committee thereof), on February 21, May 21, August 21 and November 21 (the "Payment Dates") commencing on February 21, 2009; provided that if any such Payment Date is not a New York Business Day and London Business Day, the Payment Date will be the next succeeding day that is a New York Business Day and London Business Day, unless such day falls in the next calendar month, in which case the Payment Date will be the immediately preceding New York Business Day and London Business Day. Each such dividend shall be payable to the holders of record of shares of the Preferred Stock, Series 5, as they appear on the stock register of the Corporation on such record dates, which shall be a date not more than 30 days nor less than 10 days preceding the applicable Payment Dates, as shall be fixed by the Board of Directors of the Corporation (or a duly authorized committee thereof). "London Business Day" means any day other than a Saturday or Sunday on which dealings in deposits in U.S. dollars are transacted, or with respect to any future date are expected to be transacted, in the London interbank market. A "New York Business Day" means any day that is not a Saturday or Sunday and that, in New York City, is not a day on which banking institutions generally are authorized or obligated by law or executive order to be closed.

(b) (i) Dividend periods ("Dividend Periods") shall commence on each Payment Date (other than the initial Dividend Period which shall be deemed to have commenced on November 21, 2008) and shall end on and exclude the next succeeding Payment Date. The dividend rate on the shares of Preferred Stock, Series 5 for each Dividend Period shall be a floating rate per annum equal to three-month U.S. dollar LIBOR plus .50%, but in no event will the rate be less than 4.00% per annum, of the \$30,000 liquidation preference per share of Preferred Stock, Series 5.

The "three-month U.S. dollar LIBOR", with respect to a Dividend Period, means the rate (expressed as a percentage per annum) for deposits in U.S. dollars for a three month period that normally appears on Telerate Page 3750, as displayed on page "BBAM" (British Bankers Association Official BBA LIBOR Fixings) in the Bloomberg Professional Service (or any other service that may replace Telerate, Inc. on page BBAM or any other page that may replace page BBAM on the Bloomberg Professional Service or a successor service, in each case, for the purpose of displaying London interbank offered

rates of major banks) as of 11:00 a.m. (London time) on the second London Business Day immediately preceding the first day of such Dividend Period.

If three-month U.S. dollar LIBOR cannot be determined as described above, the Corporation will select four major banks in the London interbank market. The Corporation will request that the principal London offices of those four selected banks provide their offered quotations to prime banks in the London interbank market at approximately 11:00 a.m., London time, on the second London Business Day immediately preceding the first day of such Dividend Period. These quotations will be for deposits in U.S. dollars for a three month period. Offered quotations must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time.

If two or more quotations are provided, three-month U.S. dollar LIBOR for the Dividend Period will be the arithmetic mean of the quotations. If fewer than two quotations are provided, the Corporation will select three major banks in New York City and will then determine three-month U.S. dollar LIBOR for the Dividend Period as the arithmetic mean of rates quoted by those three major banks in New York City to leading European banks at approximately 3:00 p.m., New York City time, on the second London Business Day immediately preceding the first day of such Dividend Period. The rates quoted will be for loans in U.S. dollars, for a three month period. Rates quoted must be based on a principal amount equal to an amount that is representative of a single transaction in U.S. dollars in the market at the time. If fewer than three New York City banks selected by the Corporation are quoting rates, three-month U.S. dollar LIBOR for the applicable period will be the same as for the immediately preceding Dividend Period.

(ii) Dividends on the Preferred Stock, Series 5, shall (if and when declared, as herein provided) be computed on the basis of a 360-day year and the actual number of days elapsed in each Dividend Period. Accordingly, the amount of dividends payable per share for each Dividend Period (including the initial Dividend Period) for the Preferred Stock, Series 5 shall (if and when declared, as herein provided) equal the product of (i) the applicable dividend rate, (ii) \$30,000 and (iii) a fraction (A) the numerator of which will be the actual number of days elapsed in such Dividend Period, and (B) the denominator of which will be 360. The amount of dividends payable on the Preferred Stock, Series 5, shall be rounded to the nearest cent, with one-half cent being rounded upwards.

(c) So long as any shares of the Preferred Stock, Series 5 are outstanding, the Corporation may not declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire (except for purchases by the Corporation or its affiliates in connection with transactions effected by or for the account of customers of the Corporation or customers of any of its subsidiaries or in connection with the distribution or trading of such stock), or make a liquidation payment with respect to the preferred stock of the Corporation of any series and any other stock of the Corporation ranking, as to dividends, on a parity with the Preferred Stock, Series 5 unless for such Dividend Period full dividends on all outstanding shares of Preferred Stock, Series 5 have been declared, paid or set aside for payment. When dividends are not paid in full, as aforesaid, upon the shares of the Preferred Stock, Series 5, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends with the Preferred Stock, Series 5, all dividends declared upon shares of the Preferred Stock, Series 5, and any other preferred stock and other stock of the Corporation ranking on a parity as to dividends (whether cumulative or non-cumulative) shall be declared pro rata so that the amount of dividends declared per share on the Preferred Stock, Series 5, and all such other stock of the Corporation shall in all cases bear to each other the same ratio that accrued dividends per share on the shares of the Preferred Stock, Series 5 (but without, in the case of any non-cumulative preferred stock, accumulation of unpaid dividends for prior Dividend Periods) and all such other stock bear to each other.

(d) So long as any shares of the Preferred Stock, Series 5 are outstanding, the Corporation may not, at any time, declare or pay dividends on, make distributions with respect to, or redeem, purchase or acquire, or make a liquidation payment with respect to, any Common Stock or any other stock of the Corporation ranking as to dividends or distribution of assets junior to the Preferred Stock, Series 5 unless full dividends on all outstanding shares of Preferred Stock, Series 5 have been declared, paid or set aside for payment for the immediately preceding Dividend Period (except for (x) dividends or distributions paid in shares of, or options, warrants or rights to subscribe for or purchase shares of, the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 5 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation, (y) redemptions or purchases of any rights pursuant to the Amended and Restated Rights Agreement, adopted on December 2, 1997 or any agreement that replaces such Amended and Restated Rights Agreement, or by conversion or exchange for the Corporation's capital stock ranking junior to Preferred Stock, Series 5 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation and (z) purchases by the Corporation or its affiliates in connection with transactions effected by or for the account of customers of the Corporation or customers of any of its subsidiaries or in connection with the distribution or trading of such capital stock); provided, however, that the foregoing dividend preference shall not be cumulative and shall not in any way create any claim or right in favor of the holders of Preferred Stock, Series 5 in the event that dividends have not been declared or paid on the Preferred Stock, Series 5 in respect of any prior Dividend Period. If the full dividend on the Preferred Stock, Series 5 is not paid for any Dividend Period, the holders of Preferred Stock, Series 5 will have no claim in respect of the unpaid amount so long as no dividend (other than those

referred to above) is paid on the Common Stock or other of the Corporation's capital stock ranking junior to Preferred Stock, Series 5 as to dividends and distribution of assets upon dissolution, liquidation or winding up of the Corporation.

(e) No dividends may be declared or paid or set aside for payment on any shares of Preferred Stock, Series 5 if at the same time any arrears exists in the payment of dividends on any outstanding class or series of stock of the Corporation ranking, as to the payment of dividends, prior to the Preferred Stock, Series 5.

(f) Holders of shares of the Preferred Stock, Series 5, shall not be entitled to any dividends, whether payable in cash, property or stock, in excess of full dividends, as herein provided, on the Preferred Stock, Series 5. No interest, or sum of money in lieu of interest, shall be payable in respect of any dividend payment or payments on the Preferred Stock, Series 5, which may be in arrears.

(3) Liquidation Preference. (a) In the event of any liquidation, dissolution or winding up of the Corporation, whether voluntary or involuntary, before any payment or distribution of the assets of the Corporation or proceeds thereof (whether capital or surplus) shall be made to or set apart for the holders of any series or class or classes of stock of the Corporation ranking junior to the Preferred Stock, Series 5, upon liquidation, dissolution, or winding up, the holders of the shares of the Preferred Stock, Series 5, shall be entitled to receive \$30,000 per share plus an amount equal to declared and unpaid dividends, without accumulation of undeclared dividends. If, upon any liquidation, dissolution, or winding up of the Corporation, the assets of the Corporation, or proceeds thereof, distributable among the holders of the shares of the Preferred Stock, Series 5, shall be insufficient to pay in full the preferential amount aforesaid and liquidating payments on any other shares of preferred stock ranking, as to liquidation, dissolution or winding up, on a parity with the Preferred Stock, Series 5, then such assets, or the proceeds thereof, shall be distributed among the holders of shares of Preferred Stock, Series 5, and any such other preferred stock ratably in accordance with the respective amounts which would be payable on such shares of Preferred Stock, Series 5, and any such other preferred stock if all amounts payable thereon were paid in full. For the purposes of this Section (3), neither the sale, lease or exchange (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation, nor the consolidation, merger or combination of the Corporation into or with one or more corporations or the consolidation, merger or combination of any other corporation or entity into or with the Corporation, shall be deemed to be a voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

(b) After payment shall have been made in full to the holders of Preferred Stock, Series 5, as provided in this Section (3), the holders of Preferred Stock, Series 5 will not be entitled to any further participation in any distribution of assets of the Corporation. Subject to the rights of the holders of shares of any series or class or classes of stock ranking on a parity with or prior to the Preferred Stock, Series 5, upon liquidation, dissolution or winding up, upon any liquidation, dissolution or winding up of the Corporation, after payment shall have been made in full to the holders of Preferred Stock, Series 5, as provided in this Section (3), but not prior thereto, any other series or class or classes of stock ranking junior to the Preferred Stock, Series 5, shall, subject to the respective terms and provisions (if any) applying thereto, be entitled to receive any and all assets remaining to be paid or distributed, and the holders of the Preferred Stock, Series 5, shall not be entitled to share therein.

(4) Redemption. (a) The Preferred Stock, Series 5, may not be redeemed prior to May 21, 2012. On and after May 21, 2012, the Corporation, at its option, may redeem shares of the Preferred Stock, Series 5, as a whole at any time or in part from time to time, at a redemption price of \$30,000 per share, together in each case with declared and unpaid dividends, without accumulation of any undeclared dividends. The Chief Financial Officer or the Treasurer may exercise the Corporation's right to redeem the Preferred Stock, Series 5 as a whole at any time without further action of the Board of Directors or a duly authorized committee thereof. The Corporation may only elect to redeem the Preferred Stock, Series 5 in part pursuant to a resolution by the Board of Directors or a duly authorized committee thereof.

(b) In the event the Corporation shall redeem shares of Preferred Stock, Series 5, notice of such redemption shall be given by first class mail, postage prepaid, mailed not less than 30 days nor more than 60 days prior to the redemption date, to each holder of record of the shares to be redeemed, at such holder's address as the same appears on the stock register of the Corporation. Each such notice shall state: (1) the redemption date; (2) the number of shares of Preferred Stock, Series 5, to be redeemed and, if less than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (3) the redemption price; and (4) the place or places where certificates for such shares are to be surrendered for payment of the redemption price. Notice having been mailed as aforesaid, from and after the redemption date (unless default shall be made by the Corporation in providing money for the payment of the redemption price) said shares shall no longer be deemed to be outstanding, and all rights of the holders thereof as stockholders of the Corporation (except the right to receive from the Corporation the redemption price) shall cease. The Corporation's obligation to provide moneys in accordance with the preceding sentence shall be deemed fulfilled if, on or before the redemption date, the Corporation shall deposit with a bank or trust company (which may be an affiliate of the Corporation) having an office in the Borough of Manhattan, City of New York, having a capital and surplus of at least \$50,000,000, funds necessary for such redemption, in trust, with irrevocable instructions that such funds be applied to the redemption of the shares of Preferred Stock, Series 5, so called for redemption. Any interest accrued on such funds shall be paid to the Corporation from time to time. Any funds so deposited and unclaimed at the end of

two years from such redemption date shall be released or repaid to the Corporation, after which the holder or holders of such shares of Preferred Stock, Series 5, so called for redemption shall look only to the Corporation for payment of the redemption price.

Upon surrender, in accordance with said notice, of the certificates for any such shares so redeemed (properly endorsed or assigned for transfer, if the Board of Directors of the Corporation shall so require and the notice shall so state), such shares shall be redeemed by the Corporation at the applicable redemption price aforesaid. If less than all the outstanding shares of Preferred Stock, Series 5, are to be redeemed, shares to be redeemed shall be selected by the Board of Directors of the Corporation (or a duly authorized committee thereof) from outstanding shares of Preferred Stock, Series 5, not previously called for redemption by lot or *pro rata* or by any other method determined by the Board of Directors of the Corporation (or a duly authorized committee thereof) to be equitable. If fewer than all the shares represented by any certificate are redeemed, a new certificate shall be issued representing the unredeemed shares without charge to the holder thereof.

The Preferred Stock, Series 5 will not be subject to any mandatory redemption, sinking fund or other similar provisions. Holders of Preferred Stock, Series 5 will have no right to require redemption of any shares of Preferred Stock, Series 5.

(5) Terms Dependent on Regulatory Changes If, (a) the Corporation (by election or otherwise) is subject to any law, rule, regulation or guidance (together, "Regulations") relating to its capital adequacy which Regulation (x) provides for a type or level of capital characterized as "Tier 1" in, or pursuant to Regulations of any governmental agency, authority or body having regulatory jurisdiction over the Corporation and implementing, the capital standards published by the Basel Committee on Banking Supervision, the Securities and Exchange Commission, the Board of Governors of the Federal Reserve System, or any other United States national governmental agency, authority or body, or (y) provides for a type or level of capital that in the judgment of the Board of Directors (or a duly authorized committee thereof) after consultation with legal counsel of recognized standing is substantially equivalent to such "Tier 1" capital (such capital described in either (x) or (y) is referred to below as "Tier 1 Capital"), and (b) the Board of Directors (or a duly authorized committee thereof) affirmatively elects to qualify the Preferred Stock, Series 5 for such Tier 1 Capital treatment without any sublimit or other quantitative restrictions on the inclusion of such Preferred Stock, Series 5 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) under such Regulations, then, upon such affirmative election, the terms of the Preferred Stock, Series 5 shall automatically be amended to reflect the following modifications (without any action or consent by the holders of the Preferred Stock, Series 5 or any other vote of stockholders of the Corporation):

(i) If and to the extent such modification is a Required Unrestricted Tier 1 Provision (as defined below), the Corporation's right to redeem the Preferred Stock, Series 5 on and after May 21, 2012 pursuant to Section 5 hereof shall be restricted (such restrictions including but not limited to any requirement that the Corporation receive prior approval for such redemption from any applicable governmental agency, authority or body or that such redemption be prohibited);

(ii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, the Corporation's right to make distributions with respect to, or redeem, purchase or acquire or make payments on, securities junior to the Preferred Stock, Series 5 (upon a non-payment of dividends on the Preferred Stock, Series 5) shall become subject to additional restrictions (other than those set forth in Section 2(d) hereof) pursuant to the terms of the Preferred Stock, Series 5; and

(iii) If and to the extent such modification is a Required Unrestricted Tier 1 Provision, any other new provisions or terms shall be added to the Preferred Stock, Series 5, or existing terms shall be modified; provided, however, that no such provision or term shall be added, and no such modification shall be made pursuant to the terms of this Section 5(iii), if it would alter or change the rights, powers or preferences of the shares of the Preferred Stock, Series 5 so as to affect the shares of the Preferred Stock, Series 5 adversely.

As used above, the term "Required Unrestricted Tier 1 Provision" means a term which is, in the written opinion of legal counsel of recognized standing and delivered to the Corporation, required for the Preferred Stock, Series 5 to be treated as Tier 1 Capital of the Corporation without any sublimit or other quantitative restriction on the inclusion of such Preferred Stock, Series 5 in Tier 1 Capital (other than any limitation requiring that common equity or a specified form of common equity constitute the dominant form of Tier 1 Capital) pursuant to the applicable Regulations. The Corporation shall provide notice to holders of any Preferred Stock, Series 5 of any such changes in the terms of the Preferred Stock, Series 5 made pursuant to the terms of this Section 5 on or about the date of effectiveness of any such modification and shall maintain a copy of such notice on file at the principal offices of the Corporation. A copy of the relevant Regulations shall also be on file at the principal offices of the Corporation and, upon request, will be made available to such holders.

For the avoidance of doubt, "amend", "modify", "change" and words of similar effect used in this Section (5) mean that the Preferred Stock, Series 5 shall have such additional or different rights, powers and preferences, and such

qualifications, limitations and restrictions as may be established by the Board of Directors (or a duly authorized committee thereof) pursuant to this Section (5), subject to the limitations set forth herein.

(6) Voting Rights. The Preferred Stock, Series 5, shall have no voting rights, except as hereinafter set forth or as otherwise from time to time required by law.

The holders of the Preferred Stock shall be entitled to vote on all matters submitted to a vote of the holders of Common Stock of the Corporation, voting together with the holders of Common Stock as one class. Each share of Preferred Stock shall be entitled to 150 votes.

Whenever dividends payable on the Preferred Stock, Series 5, have not been declared or paid for such number of Dividend Periods, whether or not consecutive, which in the aggregate is equivalent to six Dividend Periods (a "Nonpayment"), the holders of outstanding shares of the Preferred Stock, Series 5, shall have the exclusive right, voting as a class with holders of shares of all other series of preferred stock ranking on a parity with the Preferred Stock, Series 5, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable (to the extent such other series of preferred stock are entitled to vote pursuant to the terms thereof), to vote for the election of two additional directors at the next annual meeting of stockholders and at each subsequent annual meeting of stockholders on the terms set forth below. At elections for such directors, each holder of the Preferred Stock, Series 5, shall be entitled to three votes for each share of Preferred Stock, Series 5 held (the holders of shares of any other series of preferred stock ranking on such a parity being entitled to such number of votes, if any, for each share of stock held as may be granted to them). Upon the vesting of such right of such holders, the maximum authorized number of members of the Board of Directors shall automatically be increased by two and the two vacancies so created shall be filled by vote of the holders of such outstanding shares of Preferred Stock, Series 5, (either alone or together with the holders of shares of all other series of preferred stock ranking on such a parity) as hereinafter set forth. The right of such holders of such shares of the Preferred Stock, Series 5, voting as a class with holders of shares of all other series of preferred stock ranking on such a parity, to elect members of the Board of Directors of the Corporation as aforesaid shall continue until all dividends on such shares of Preferred Stock, Series 5, shall have been paid in full for at least four Dividend Periods following the Nonpayment. Upon payment in full of such dividends, such voting rights shall terminate except as expressly provided by law, subject to re-vesting in the event of each and every subsequent Nonpayment in the payment of dividends as aforesaid.

Upon termination of the right of the holders of the Preferred Stock, Series 5, to vote for directors as provided in the previous paragraph, the term of office of all directors then in office elected by such holders will terminate immediately. If the office of any director elected by such holders voting as a class becomes vacant by reason of death, resignation, retirement, disqualification, removal from office or otherwise, the remaining director elected by such holders voting as a class may choose a successor who shall hold office for the unexpired term in respect of which such vacancy occurred. Whenever the term of office of the directors elected by such holders voting as a class shall end and the special voting rights shall have expired, the number of directors shall be such number as may be provided for in the By-laws irrespective of any increase made pursuant to the provisions hereof.

So long as any shares of the Preferred Stock, Series 5, remain outstanding, the affirmative vote or consent of the holders of at least two-thirds of the shares of the Preferred Stock, Series 5, outstanding at the time (voting as a class with all other series of preferred stock ranking on a parity with the Preferred Stock, Series 5, either as to dividends or the distribution of assets upon liquidation, dissolution or winding up and upon which like voting rights have been conferred and are exercisable), given in person or by proxy, either in writing or at any meeting called for the purpose, shall be necessary to permit, effect or validate any one or more of the following:

(i) the authorization, creation or issuance, or any increase in the authorized or issued amount, of any class or series of stock ranking prior to the Preferred Stock, Series 5, with respect to payment of dividends or the distribution of assets upon liquidation, dissolution or winding up; or

(ii) the amendment, alteration or repeal, whether by merger, consolidation or otherwise, of any of the provisions of the Amended and Restated Certificate of Incorporation, as amended, or of the resolutions set forth in a Certificate of Designations for such Preferred Stock, Series 5, which would adversely affect any right, preference, privilege or voting power of the Preferred Stock, Series 5, or of the holders thereof; provided, however, that any increase in the amount of issued Preferred Stock, Series 5 or authorized preferred stock or the creation and issuance, or an increase in the authorized or issued amount, of other series of preferred stock, in each case ranking on a parity with or junior to the Preferred Stock, Series 5, with respect to the payment of dividends (whether such dividends were cumulative or non-cumulative) and the distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such rights, preferences, privileges or voting powers.

Without the consent of the holders of the Preferred Stock, Series 5, so long as such action does not adversely affect the interests of holders of Preferred Stock, Series 5, the Corporation may amend, alter, supplement or repeal any terms of the Preferred Stock, Series 5:

- (i) to cure any ambiguity, or to cure, correct or supplement any provision contained in a Certificate of Designations for such Preferred Stock, Series 5 that may be defective or inconsistent; or
- (ii) to make any provision with respect to matters or questions arising with respect to the Preferred Stock, Series 5 that is not inconsistent with the provisions of a Certificate of Designations for such Preferred Stock, Series 5.

The rules and procedures for calling and conducting any meeting of the holders of Preferred Stock, Series 5 (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such a meeting, the obtaining of written consents, and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors of the Corporation, or a duly authorized committee thereof, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of any national securities exchange on which the Preferred Stock, Series 5 are listed at the time.

The foregoing voting provisions shall not apply if, at or prior to the time when the act with respect to which such vote would otherwise be required shall be effected, all outstanding shares of Preferred Stock, Series 5, shall have been redeemed or sufficient funds shall have been deposited in trust to effect such a redemption which is scheduled to be consummated within three months after the time that such rights would otherwise be exercisable.

(7) Record Holders. The Corporation and the transfer agent for the Preferred Stock, Series 5, may deem and treat the record holder of any share of such Preferred Stock as the true and lawful owner thereof for all purposes, and neither the Corporation nor such transfer agent shall be affected by any notice to the contrary.

(8) Ranking. Any class or classes of stock of the Corporation shall be deemed to rank:

(i) on a parity with the Preferred Stock, Series 5, as to dividends or as to distribution of assets upon liquidation, dissolution or winding up, whether or not the dividend rates, dividend payment dates, or redemption or liquidation prices per share thereof be different from those of the Preferred Stock, Series 5, if the holders of such class of stock and the Preferred Stock, Series 5, shall be entitled to the receipt of dividends or of amounts distributable upon liquidation, dissolution or winding up, as the case may be, in proportion to their respective dividend rates (whether cumulative or non-cumulative) or liquidation prices, without preference or priority one over the other; and

(ii) junior to the Preferred Stock, Series 5, as to dividends or as to the distribution of assets upon liquidation, dissolution or winding up, if such stock shall be Common Stock or if the holders of Preferred Stock, Series 5, shall be entitled to receipt of dividends or of amounts distributable upon dissolution, liquidation or winding up, as the case may be, in preference or priority to the holders of shares of such stock.

(iii) The Shares of Preferred Stock of the Corporation designated "Floating Rate Non-Cumulative Preferred Stock, Series 1," "Floating Rate Non-Cumulative Preferred Stock, Series 2," "6.375% Non-Cumulative Preferred Stock, Series 3," "Floating Rate Non-Cumulative Preferred Stock, Series 4," "6.70% Non-Cumulative Perpetual Preferred Stock, Series 6," "6.25% Non-Cumulative Perpetual Preferred Stock, Series 7," "8.625% Non-Cumulative Preferred Stock, Series 8," "Cumulative Redeemable Preferred Stock, Series B," "Floating Rate Non-Cumulative Preferred Stock, Series E," "6.204% Non-Cumulative Preferred Stock, Series D" "Floating Rate Non-Cumulative Preferred Stock, Series F," "Adjustable Rate Non-Cumulative Preferred Stock, Series G," "8.20% Non-Cumulative Preferred Stock, Series H," "6.625% Non-Cumulative Preferred Stock, Series I," "7.25% Non-Cumulative Preferred Stock, Series J," "7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L," "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K," and "Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M," and any other class or series of stock of the Corporation hereafter authorized that ranks on parity with the Preferred Stock, Series 5, as to dividends and distribution of assets upon liquidation, dissolution or winding up of the Corporation, shall be deemed to rank on a parity with the shares of the Preferred Stock, Series 5, as to dividends and distribution of assets upon the liquidation, dissolution or winding up of the Corporation.

(9) Exclusion of Other Rights. Unless otherwise required by law, shares of Preferred Stock, Series 5, shall not have any rights, including preemptive rights, or preferences other than those specifically set forth herein or as provided by applicable law.

(10) Notices. All notices or communications unless otherwise specified in the By-laws of the Corporation or the Amended and Restated Certificate of Incorporation, as amended, shall be sufficiently given if in writing and delivered in person or by first class mail, postage prepaid. Notice shall be deemed given on the earlier of the date received or the date such notice is mailed.

IN WITNESS WHEREOF, the undersigned, being duly authorized thereto, does hereby affirm, under penalties of perjury, that this certificate is the act and deed of the Corporation and that the facts herein stated are true, and accordingly has hereunto set her hand this 31st day of December, 2008.

BANK OF AMERICA CORPORATION

By: /s/ Teresa M. Brenner
Name: Teresa M. Brenner
Title: Associate General Counsel

[Signature Page to Certificate of Designations, Series 5]

Exhibit I

Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U

**CERTIFICATE OF DESIGNATIONS
OF
FIXED-TO-FLOATING RATE
NON-CUMULATIVE PREFERRED STOCK, SERIES U
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Series U Final Terms Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on May 21, 2013, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated May 20, 2013, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U” (the “*Series U Preferred Stock*”). Each share of Series U Preferred Stock shall be identical in all respects to every other share of Series U Preferred Stock. Series U Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series U Preferred Stock shall be 40,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series U Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series U Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series U Preferred Stock:

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series U Preferred Stock during the Floating Rate Period (as defined below).

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States

that is enacted or becomes effective after the initial issuance of any shares of the Series U Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series U Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series U Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series U Preferred Stock then outstanding as “Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series U Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series U Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) 7.25% Non-Cumulative Preferred Stock, Series J, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (i) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (k) 6% Cumulative Perpetual Preferred Stock, Series T, (l) Floating Rate Non-Cumulative Preferred Stock, Series 1, (m) Floating Rate Non-Cumulative Preferred Stock, Series 2, (n) 6.375% Non-Cumulative Preferred Stock, Series 3, (o) Floating Rate Non-Cumulative Preferred Stock, Series 4, (p) Floating Rate Non-Cumulative Preferred Stock, Series 5, (q) 6.70% Noncumulative Perpetual Preferred Stock, Series 6, (r) 6.25% Noncumulative Perpetual Preferred Stock, Series 7, (s) 8.625% Non-Cumulative Preferred Stock, Series 8, and (t) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series U Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reuters Screen Page “LIBOR01”*” means the display page so designated on Reuters (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying London interbank offered rates for U.S. dollar deposits).

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series U Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series U Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*Three-Month LIBOR*” means, with respect to any Dividend Period in the Floating Rate Period, the offered rate (expressed as a percentage *per annum*) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If such rate does not appear on Reuters Screen Page “LIBOR01,” Three-Month LIBOR will be determined on the basis of the rates at which deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less

than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected by the Calculation Agent (in consultation with the Corporation) to provide quotations are quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period in the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period (as defined below). The Calculation Agent's establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series U Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) Rate. Holders of Series U Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series U Preferred Stock, and no more, payable (x) for the Fixed Rate Period, semi-annually in arrears on June 1 and December 1 of each year, beginning on December 1, 2013, and (y) for the Floating Rate Period, quarterly in arrears on each March 1, June 1, September 1 and December 1, beginning on September 1, 2023; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless, for the Fixed Rate Period, that day falls in the next calendar year or, for the Floating Rate Period, that day falls in the next calendar month, then in each such case payment of such dividend will occur on the immediately preceding Business Day) (i) on or prior to June 1, 2023, without any interest or other payment in respect of such delay, and (ii) after June 1, 2023, with dividends accruing to the actual payment date (each such day on which dividends are payable a "*Dividend Payment Date*"). The period from, and including, the date of issuance of the Series U Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a "*Dividend Period*." Dividends on each share of Series U Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 5.200%, for each Dividend Period from the issue date to, but excluding, June 1, 2023 (the "*Fixed Rate Period*"), and (2) thereafter, Three-Month LIBOR plus a spread of 3.135%, for each Dividend Period from, and including, June 1, 2023 (the "*Floating Rate Period*"). The record date for payment of dividends on the Series U Preferred Stock shall be the fifteenth day of the calendar month immediately preceding the month in which the Dividend Payment Date falls. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period.

(b) Non-Cumulative Dividends. Dividends on shares of Series U Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series U Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series U Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series U Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series U Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro*

rata portion, of the Series U Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case unless full dividends on all outstanding shares of Series U Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series U Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series U Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series U Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series U Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series U Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series U Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series U Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series U Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series U Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series U Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series U Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series U Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series U Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series U Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series U Preferred Stock at the time outstanding, at any time on or after the Dividend Payment Date on June 1 2023, or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series U Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provide below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record

date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series U Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series U Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series U Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series U Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series U Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series U Preferred Stock at the time outstanding, the shares of Series U Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series U Preferred Stock in proportion to the number of Series U Preferred Stock held by such holders or by lot or in such other manner as the Board of Directors or any duly authorized committee of the Board of Directors may determine to be fair and equitable. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series U Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the "*Depositary Company*") in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depositary Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series U Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series U Preferred Stock or any other class or series of preferred stock that ranks on parity with Series U Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series U Preferred

Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of the such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the

exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series U Preferred Stock and any other class or series of preferred stock that ranks on parity with Series U Preferred Stock as to payment of dividends having equivalent voting rights is a "*Preferred Director*."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series U Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series U Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series U Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series U Preferred Stock and any other class or series of preferred stock that ranks on parity with Series U Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series U Preferred Stock may (at our expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of our stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series U Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series U Preferred Stock and any other class or series of preferred stock that ranks on parity with Series U Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series U Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non- payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series U Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series U Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least of the voting power of the Series U Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series U Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series U Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least of the shares of the Series U Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series U Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series U Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which (A) the shares of the Series U Preferred Stock remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series U Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series U Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series U Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series U Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series U Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series U Preferred Stock shall not have any rights of preemption or rights to convert such Series U Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series U Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series U Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series U Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series U Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designation to be executed by its duly authorized officer on this 21st day of May, 2013.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Corporate Secretary and Associate General Council

Exhibit J

6% Non-Cumulative Perpetual Preferred Stock, Series T

**CERTIFICATE OF AMENDMENT TO THE CERTIFICATE OF DESIGNATIONS
OF
6% NON-CUMULATIVE PERPETUAL PREFERRED STOCK, SERIES T
OF
BANK OF AMERICA CORPORATION**

Pursuant to Section 242
of the General Corporation Law of the State of Delaware

BANK OF AMERICA CORPORATION, a corporation organized and existing under the General Corporation Law of the State of Delaware (the "**Corporation**"), does hereby certify that:

1. The Certificate of Designations of the Corporation's 6% Cumulative Perpetual Preferred Stock, Series T, which was previously filed with the Secretary of State of the State of Delaware on August 31, 2011, is hereby amended and restated in its entirety to read as follows:

Section 1. **Designation**. The distinctive serial designation of such series of Preferred Stock, par value \$0.01 per share, is "6% Non-Cumulative Perpetual Preferred Stock, Series T" ("**Series T**"). Each share of Series T shall be identical in all respects to every other share of Series T.

Section 2. **Number of Shares**. The authorized number of shares of Series T shall be 50,000. Shares of Series T that are redeemed, purchased or otherwise acquired by the Corporation shall revert to authorized but unissued shares of Preferred Stock (*provided* that any such cancelled shares of Series T may be reissued only as shares of any now or hereafter designated series other than Series T).

Section 3. Definitions. As used herein with respect to Series T:

- (a) "**Amendment Effective Date**" means May 7, 2014.
- (b) "**Bylaws**" means the amended and restated bylaws of the Corporation, as they may be amended from time to time.
- (c) "**Business Day**" means a day that is a Monday, Tuesday, Wednesday, Thursday or Friday and is not a day on which banking institutions in New York City generally are authorized or obligated by law, regulation or executive order to close.
- (d) "**Certificate of Designations**" means this Certificate of Designations relating to the Series T, as it may be amended from time to time.
- (e) "**Certification of Incorporation**" shall mean the amended and restated certificate of incorporation of the Corporation, as it may be amended from time to time, and shall include this Certificate of Designations.
- (f) "**Common Stock**" means the common stock, par value \$0.01 per share, of the Corporation.
- (g) "**Junior Stock**" means the Common Stock and any other class or series of stock of the Corporation (other than Series T) that ranks junior to Series T either or both as to the payment of dividends and/or as to the distribution of assets on any liquidation, dissolution or winding up of the Corporation.
- (h) "**Original Issue Date**" means September 1, 2011.
- (i) "**Parity Stock**" means any class or series of stock of the Corporation (other than Series T) that ranks equally with Series T both in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation (in each case without regard to whether dividends accrue cumulatively or non-cumulatively). Without limiting the foregoing, Parity Stock shall include the Corporation's (i) 7% Cumulative Redeemable Preferred Stock, Series B, (ii) 6.204% Non-Cumulative Preferred Stock, Series D, (iii) Floating Rate Non-Cumulative Preferred Stock, Series E, (iv) Floating Rate Non-Cumulative Preferred Stock, Series F, (v) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (vi) 6.625% Non-Cumulative Preferred Stock, Series I, (vii) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (viii) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (ix) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (x) Fixed-to-Floating Rate Semi-Annual Non-Cumulative Preferred Stock, Series U, (xi) Floating Rate Non-Cumulative Preferred Stock, Series 1, (xii) Floating Rate Non-Cumulative Preferred Stock, Series 2, (xiii) 6.375% Non-

Cumulative Preferred Stock, Series 3, (xiv) Floating Rate Non-Cumulative Preferred Stock, Series 4 and (xv) Floating Rate Non-Cumulative Preferred Stock, Series 5.

(j) “Preferred Stock” means any and all series of preferred stock of the Corporation, including the Series T.

(k) “Voting Parity Stock” means, with regard to any matter as to which the holders of Series T are entitled to vote as specified in Section 8 of this Certificate of Designations, any and all series of Parity Stock upon which like voting rights have been conferred and are exercisable with respect to such matter.

(l) “Voting Preferred Stock” means, with regard to any matter as to which the holders of Series T are entitled to vote as specified in Section 8 of this Certificate of Designations, any and all series of Preferred Stock (other than Series T) that rank equally with Series T either as to the payment of dividends or as to the distribution of assets upon liquidation, dissolution or winding up of the Corporation and upon which like voting rights have been conferred and are exercisable with respect to such matter.

Section 4. Dividends.

(a) Rate. Holders of Series T shall be entitled to receive, on each share of Series T, out of funds legally available for the payment of dividends under Delaware law, non-cumulative cash dividends with respect to each Dividend Period (as defined below) at a per annum rate of 6% (the “Dividend Rate”) on the amount of \$100,000 per share of Series T. Following the Amendment Effective Date, dividends shall be payable in arrears (as provided below in this Section 4(a)), but only when, as and if declared by the Board of Directors (or a duly authorized committee of the Board of Directors), on each October 10, January 10, April 10 and July 10 (each, a “Dividend Payment Date”), commencing on October 10, 2011; *provided* that if any such Dividend Payment Date would otherwise occur on a day that is not a Business Day, such Dividend Payment Date shall instead be (and any dividend payable on Series T on such Dividend Payment Date shall instead be payable on) the immediately succeeding Business Day. Dividends payable on the Series T in respect of any Dividend Period shall be computed on the basis of a 360-day year consisting of twelve 30-day months. The amount of dividends payable on the Series T on any date prior to the end of a Dividend Period, and for the initial Dividend Period, shall be computed on the basis of a 360-day year consisting of twelve 30-day months, and actual days elapsed over a 30-day month.

Dividends that are payable on Series T on any Dividend Payment Date will be payable to holders of record of Series T as they appear on the stock register of the Corporation on the applicable record date, which shall be the 15th calendar day before such Dividend Payment Date (as originally scheduled) or such other record date fixed by the Board of Directors (or a duly authorized committee of the Board of Directors) that is not more than 60 nor less than 10 days prior to such Dividend Payment Date (each, a “Dividend Record Date”). Any such day that is a Dividend Record Date shall be a Dividend Record Date whether or not such day is a Business Day.

Each dividend period (a “Dividend Period”) shall commence on and include a Dividend Payment Date (other than the initial Dividend Period, which commenced on and included the Original Issue Date of the Series T) and shall end on and include the calendar day next preceding the next Dividend Payment Date. Dividends payable in respect of a Dividend Period shall be payable in arrears on the first Dividend Payment Date after such Dividend Period.

Holders of Series T shall not be entitled to any dividends, whether payable in cash, securities or other property, other than dividends (if any) declared and payable on the Series T as specified in this Section 4 (subject to the other provisions of this Certificate of Designations).

(b) Non-Cumulative Dividends. Dividends on shares of Series T shall be non-cumulative. To the extent that any dividends on the shares of Series T with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series T shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to the Series T, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series T remains outstanding, no dividend shall be declared or paid on the Common Stock or any other shares of Junior Stock (other than a dividend payable solely in Junior Stock), and no Common Stock, Junior Stock or Parity Stock shall be purchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock or of Parity Stock for or into other Parity Stock (with the same or lesser aggregate liquidation amount) or Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock or of one share of Parity Stock for or into another share of Parity Stock (with the same or lesser per share liquidation amount) or Junior Stock) in respect of or during a particular Dividend Period as the case may be, unless dividends for such Dividend Period on all outstanding shares of Series T

have been or are contemporaneously declared and paid in full (or declared and a sum sufficient for the payment thereof has been set aside for the benefit of the holders of shares of Series T on the applicable record date). The foregoing provision shall not apply to (i) redemptions, purchases or other acquisitions of shares of Common Stock or other Junior Stock in connection with the cashless exercises and similar actions under any employee benefit plan in the ordinary course of business and consistent with past practice prior to the Original Issue Date; (ii) purchases or other acquisitions by a broker-dealer subsidiary of the Corporation solely for the purpose of market-making, stabilization or customer facilitation transactions in Junior Stock or Parity Stock in the ordinary course of its business; (iii) in connection with the issuance of Junior Stock or Parity Stock, ordinary sale and repurchase transactions to facilitate the distribution of such Junior Stock or Parity Stock; and (iv) the acquisition by the Corporation or any of its subsidiaries of record ownership in Junior Stock or Parity Stock for the beneficial ownership of, and at the ultimate cost of, any other persons (other than the Corporation or any of its subsidiaries), including as trustees or custodians.

When dividends are not paid (or declared and a sum sufficient for payment thereof set aside for the benefit of the holders thereof on the applicable record date) on any Dividend Payment Date (or, in the case of Parity Stock having dividend payment dates different from the Dividend Payment Dates, on a dividend payment date falling within a Dividend Period related to such Dividend Payment Date) in full upon the Series T and any shares of Parity Stock, all dividends declared on the Series T and all such Parity Stock and payable on such Dividend Payment Date (or, in the case of Parity Stock having dividend payment dates different from the Dividend Payment Dates, on a dividend payment date falling within the Dividend Period related to such Dividend Payment Date) shall be declared pro rata so that the respective amounts of such dividends declared shall bear the same ratio to each other as all declared and unpaid dividends per share on the Series T and all Parity Stock payable on such Dividend Payment Date (or, in the case of Parity Stock having dividend payment dates different from the Dividend Payment Dates, on a dividend payment date falling within the Dividend Period related to such Dividend Payment Date) bear to each other.

Subject to the foregoing, such dividends (payable in cash, securities or other property) as may be determined by the Board of Directors (or a duly authorized committee of the Board of Directors) may be declared and paid on any securities, including Common Stock and other Junior Stock, from time to time out of any funds legally available for such payment, and the Series T shall not be entitled to participate in any such dividends.

Section 5. Liquidation Rights.

(a) Voluntary or Involuntary Liquidation. In the event of any liquidation, dissolution or winding up of the affairs of the Corporation, whether voluntary or involuntary, holders of Series T shall be entitled to receive for each share of Series T, out of the assets of the Corporation or proceeds thereof (whether capital or surplus) available for distribution to stockholders of the Corporation, and after satisfaction of all liabilities and obligations to creditors of the Corporation, before any distribution of such assets or proceeds is made to or set aside for the holders of Common Stock and any other stock of the Corporation ranking junior to the Series T as to such distribution, payment in full in an amount equal to the sum of (i) \$100,000 per share and (ii) any declared and unpaid dividends thereon, without cumulation of any undeclared dividends, to but excluding the date of liquidation, dissolution or winding up. The Series T may be fully subordinated to interests held by the U.S. government in the event that the Corporation enters into a receivership, insolvency, liquidation or similar proceeding.

(b) Partial Payment. If in any distribution described in Section 5(a) above the assets of the Corporation or proceeds thereof are not sufficient to pay the Liquidation Preferences (as defined below) in full to all holders of Series T and all holders of any stock of the Corporation ranking equally with the Series T as to such distribution, the amounts paid to the holders of Series T and to the holders of all such other stock shall be paid *pro rata* in accordance with the respective aggregate Liquidation Preferences of the holders of Series T and the holders of all such other stock. In any such distribution, the “Liquidation Preference” of any holder of stock of the Corporation shall mean the amount otherwise payable to such holder in such distribution (assuming no limitation on the assets of the Corporation available for such distribution), including an amount equal to any declared but unpaid dividends, *provided* that the Liquidation Preference for any share of Series T shall be determined in accordance with Section 5(a) above.

(c) Residual Distributions. If the Liquidation Preference has been paid in full to all holders of Series T, the holders of other stock of the Corporation shall be entitled to receive all remaining assets of the Corporation (or proceeds thereof) according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the merger or consolidation of the Corporation with any other corporation or other entity, including a merger or consolidation in which the holders of Series T receive cash, securities or other property for their shares, or the sale, lease or exchange (for cash, securities or other property) of all or substantially all of the assets of the Corporation, shall not constitute a liquidation, dissolution or winding up of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at its option, subject to any required prior approval of the Board of Governors of the Federal Reserve System and to the satisfaction of any conditions set forth in the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System applicable to redemption of the shares of Series T, may redeem, in whole at any time or in part from time to time, but in any case no earlier than May 7, 2019 the shares of Series T at the time outstanding, upon notice given as provided in Section 6(c) below, at a redemption price equal to the sum of (i) \$105,000 per share and (ii) any declared and unpaid dividends thereon, without cumulation for any undeclared dividends, to but excluding the redemption date. The minimum number of shares of Series T redeemable at any time is the lesser of (x) 10,000 shares of Series T and (y) the number of shares of Series T outstanding. The redemption price for any shares of Series T shall be payable on the redemption date to the holder of such shares against surrender of the certificate(s) evidencing such shares to the Corporation or its agent. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the Dividend Record Date for a Dividend Period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such Dividend Record Date relating to the Dividend Payment Date as provided in Section 4 above.

(b) No Sinking Fund. The Series T will not be subject to any mandatory redemption, sinking fund or other similar provisions. Holders of Series T will have no right to require redemption of any shares of Series T.

(c) Notice of Redemption. Notice of every redemption of shares of Series T shall be given by first class mail, postage prepaid, addressed to the holders of record of the shares to be redeemed at their respective last addresses appearing on the books of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Subsection shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series T designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series T. Notwithstanding the foregoing, if the Series T are issued in book-entry form through The Depository Trust Company or any other similar facility, notice of redemption may be given to the holders of Series T at such time and in any manner permitted by such facility. Each notice of redemption given to a holder shall state: (1) the redemption date; (2) the number of shares of Series T to be redeemed and, if less than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (3) the redemption price; and (4) the place or places where certificates for such shares are to be surrendered for payment of the redemption price. Notwithstanding anything to the contrary herein, upon receipt of any notice of redemption hereunder, the holder of any share of Series T outstanding at such time shall have five (5) Business Days to deliver to the Corporation written notice of its election to pay some or all of the applicable exercise price with respect to an exercise, in whole or in part, of such holder's rights under any warrant to purchase Common Stock of the Corporation originally issued by the Corporation in connection with the issuance of the Series T by means of a surrender to the Corporation of shares of the Series T in accordance with the terms and conditions hereof and of any such warrant, and the Corporation's right to redeem the shares of Series T specified in such notice of redemption shall be (x) tolled during such five (5) Business Day period and (y) if the holder so elects to exercise such warrant and surrender such shares of Series T, in whole or in part, automatically terminated only with respect to such shares of Series T to be so surrendered.

(d) Partial Redemption. In case of any redemption of part of the shares of Series T at the time outstanding, the shares to be redeemed shall be selected either *pro rata* or in such other manner as the Corporation may determine to be fair and equitable. Subject to the provisions hereof, the Corporation shall have full power and authority to prescribe the terms and conditions upon which shares of Series T shall be redeemed from time to time. If fewer than all the shares represented by any certificate are redeemed, a new certificate shall be issued representing the unredeemed shares without charge to the holder thereof.

(e) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been deposited by the Corporation, in trust for the *pro rata* benefit of the holders of the shares called for redemption, with a bank or trust company doing business in the Borough of Manhattan, The City of New York, and having a capital and surplus of at least \$50 million and selected by the Board of Directors, so as to be and continue to be available solely therefor, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date dividends shall cease to accrue on all shares so called for redemption, all shares so called for redemption shall no longer be deemed outstanding and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company, without interest. Any funds unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released to the Corporation, after which time the holders of the shares so called for redemption shall look only to the Corporation for payment of the redemption price of such shares.

Section 7. Conversion. Holders of Series T shares shall have no right to exchange or convert such shares into any other securities, except in connection with the surrender to the Corporation of shares of the Series T to satisfy any portion of the applicable exercise price with respect to an exercise, in whole or in part, of any warrant to purchase Common Stock of the Corporation issued in connection with the original issuance of the Series T by the Corporation.

Section 8. Voting Rights.

(a) General. The holders of Series T shall not have any voting rights except as set forth below or as otherwise from time to time required by law.

(b) Class Voting Rights as to Particular Matters. So long as any shares of Series T are outstanding, in addition to any other vote or consent of stockholders required by law or by the Certificate of Incorporation, the vote or consent of the holders of at least 66 2/3% of the shares of Series T and any Voting Preferred Stock at the time outstanding and entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or by vote at any meeting called for the purpose, shall be necessary for effecting or validating:

(i) Authorization of Senior Stock. Any amendment or alteration of the Certificate of Incorporation to authorize or create, or increase the authorized amount of, any shares of any class or series of capital stock of the Corporation ranking senior to the Series T with respect to either or both the payment of dividends and/or the distribution of assets on any liquidation, dissolution or winding up of the Corporation;

(ii) Amendment of Series T. Any amendment, alteration or repeal of any provision of the Certificate of Incorporation so as to materially and adversely affect the special rights, preferences, privileges or voting powers of the Series T, taken as a whole; or

(iii) Share Exchanges, Reclassifications, Mergers and Consolidations. Any consummation of a binding share exchange or reclassification involving the Series T, or of a merger or consolidation of the Corporation with another corporation or other entity, unless in each case (x) the shares of Series T remain outstanding or, in the case of any such merger or consolidation with respect to which the Corporation is not the surviving or resulting entity, are converted into or exchanged for preference securities of the surviving or resulting entity or its ultimate parent, and (y) such shares remaining outstanding or such preference securities, as the case may be, have such rights, preferences, privileges and voting powers, and limitations and restrictions thereof, taken as a whole, as are not materially less favorable to the holders thereof than the rights, preferences, privileges and voting powers, and limitations and restrictions thereof, of the Series T immediately prior to such consummation, taken as a whole; *provided, however*, that for all purposes of this Section 8(b), any increase in the amount of the authorized Preferred Stock, or the creation and issuance, or an increase in the authorized or issued amount, of any other series of Preferred Stock ranking equally with and/or junior to the Series T with respect to the payment of dividends (whether such dividends are cumulative or non-cumulative) and/or the distribution of assets upon liquidation, dissolution or winding up of the Corporation will not be deemed to adversely affect the rights, preferences, privileges or voting powers of the Series T.

If any amendment, alteration, repeal, share exchange, reclassification, merger or consolidation specified in this Section 8 (b) would adversely affect the Series T and one or more but not all other series of Preferred Stock, then only the Series T and such series of Preferred Stock as are adversely affected by and entitled to vote on the matter shall vote on the matter together as a single class (in lieu of all other series of Preferred Stock).

If any amendment, alteration, repeal, share exchange, reclassification, merger or consolidation specified in this Section 8 (b) would adversely affect the Series T but would not similarly adversely affect all other series of Voting Parity Stock, then only the Series T and each other series of Voting Parity Stock as is similarly adversely affected by and entitled to vote on the matter, if any, shall vote on the matter together as a single class (in lieu of all other series of Preferred Stock).

(c) Series T Voting Rights as to Particular Matters. In addition to any other vote or consent of stockholders required by law or by the Certificate of Incorporation, so long as at least 10,000 shares of Series T are outstanding, the vote or consent of the holders of at least 50.1% of the shares of Series T at the time outstanding, voting in person or by proxy, either in writing without a meeting or by vote at any meeting called for the purpose, shall be necessary for effecting or validating:

(i) Authorization or Issuance of Senior Stock. Any amendment or alteration of the Certificate of Incorporation to authorize or create, or increase the authorized amount of, any shares of any class or series of capital stock of the Corporation, or the issuance of any shares of any class or series of capital stock of the Corporation, in each case, ranking senior to the Series T with respect to either or both the payment of dividends and/or the distribution of assets on any liquidation, dissolution or winding up of the Corporation;

(ii) Amendment of Series T. Any amendment, alteration or repeal of any provision of the Certificate of Incorporation so as to affect or change the rights, preferences, privileges or voting powers of the Series T so as not to be substantially similar to those in effect immediately prior to such amendment, alteration or repeal; or

(iii) Share Exchanges, Reclassifications, Mergers and Consolidations. Any consummation of a binding share exchange or reclassification involving the Series T, or of a merger or consolidation of the Corporation with another corporation or other entity, unless in each case (x) the shares of Series T remain outstanding or, in the case of any such merger or consolidation with respect to which the Corporation is not the surviving or resulting entity, are converted into or exchanged for preference securities of the surviving or resulting entity or its ultimate parent, and (y) such shares remaining outstanding or such preference securities, as the case may be, have such rights, preferences, privileges and voting powers, and limitations and restrictions thereof as are substantially similar to the rights, preferences, privileges and voting powers, and limitations and restrictions of the Series T immediately prior to such consummation; *provided, however*, that for all purposes of this Section 8(c), the creation and issuance, or an increase in the authorized or issued amount, of any other series of Preferred Stock ranking equally with and/or junior to the Series T with respect to the payment of dividends (whether such dividends are cumulative or non-cumulative) and/or the distribution of assets upon liquidation, dissolution or winding up of the Corporation will not be deemed to adversely affect the rights, preferences, privileges or voting powers of the Series T.

(d) Changes after Provision for Redemption. No vote or consent of the holders of Series T shall be required pursuant to Section 8(b) or (c) above if, at or prior to the time when any such vote or consent would otherwise be required pursuant to such Section, all outstanding shares of Series T (or, in the case of Section 8(c), more than 40,000 shares of Series T) shall have been redeemed, or shall have been called for redemption upon proper notice and sufficient funds shall have been deposited in trust for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. The rules and procedures for calling and conducting any meeting of the holders of Series T (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such a meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules of the Board of Directors (or a duly authorized committee of the Board of Directors), in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation, the Bylaws, and applicable law and the rules of any national securities exchange or other trading facility on which the Series T is listed or traded at the time. Whether the vote or consent of the holders of a plurality, majority or other portion of the shares of Series T and any Voting Preferred Stock has been cast or given on any matter on which the holders of shares of Series T are entitled to vote shall be determined by the Corporation by reference to the specified liquidation amount of the shares voted or covered by the consent (*provided* that the specified liquidation amount for any share of Series T shall be the Liquidation Preference for such share) as if the Corporation were liquidated on the record date for such vote or consent, if any, or, in the absence of a record date, on the date for such vote or consent.

Section 9. Record Holders. To the fullest extent permitted by applicable law, the Corporation and the transfer agent for the Series T may deem and treat the record holder of any share of Series T as the true and lawful owner thereof for all purposes, and neither the Corporation nor such transfer agent shall be affected by any notice to the contrary.

Section 10. Notices. All notices or communications in respect of Series T shall be sufficiently given if given in writing and delivered in person or by first class mail, postage prepaid, or if given in such other manner as may be permitted in this Certificate of Designations, in the Certificate of Incorporation or Bylaws or by applicable law. Notwithstanding the foregoing, if the Series T are issued in book-entry form through The Depository Trust Company or any similar facility, such notices may be given to the holders of Series T in any manner permitted by such facility.

Section 11. No Preemptive Rights. No share of Series T shall have any rights of preemption whatsoever as to any securities of the Corporation, or any warrants, rights or options issued or granted with respect thereto, regardless of how such securities, or such warrants, rights or options, may be designated, issued or granted.

Section 12. Replacement Certificates. The Corporation shall replace any mutilated certificate at the holder's expense upon surrender of that certificate to the Corporation. The Corporation shall replace certificates that become destroyed, stolen or lost at the holder's expense upon delivery to the Corporation of reasonably satisfactory evidence that the certificate has been destroyed, stolen or lost, together with any indemnity that may be reasonably required by the Corporation.

Section 13. Surrender Rights. In connection with the exercise of any rights under any warrant to purchase Common Stock of the Corporation issued in connection with the original issuance of the Series T, a holder of shares of Series T shall have the right to pay some or all of the applicable exercise price with respect to an exercise, in whole or in part, of such holder's rights under any such warrant by means of a surrender to the Corporation of the applicable amount shares of the Series T.

Section 14. Other Rights. The shares of Series T shall not have any rights, preferences, privileges or voting powers or relative, participating, optional or other special rights, or qualifications, limitations or restrictions thereof, other than as set forth herein or in the Certificate of Incorporation or as provided by applicable law.

2. The foregoing amendment was duly adopted in accordance with the provision of Section 242 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, BANK OF AMERICA CORPORATION has caused this Certificate of Amendment to be signed by its duly authorized officer this 7th day of May, 2014.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel, Corporate Secretary

Exhibit K

Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X
CERTIFICATE OF DESIGNATIONS
OF
FIXED-TO-FLOATING RATE
NON-CUMULATIVE PREFERRED STOCK, SERIES X
OF
BANK OF AMERICA CORPORATION

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the New Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on September 2, 2014, in accordance with Section 141(f) of the General Corporation Law:

RESOLVED, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated May 7, 2014 and July 24, 2014, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X” (the “*Series X Preferred Stock*”). Each share of Series X Preferred Stock shall be identical in all respects to every other share of Series X Preferred Stock. Series X Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series X Preferred Stock shall be 80,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series X Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series X Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series X Preferred Stock:

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series X Preferred Stock during the Floating Rate Period (as defined below).

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series X Preferred Stock; (ii) proposed

change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series X Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series X Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series X Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series X Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series X Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) Floating Rate Non-Cumulative Preferred Stock, Series 1, (n) Floating Rate Non-Cumulative Preferred Stock, Series 2, (o) 6.375% Non-Cumulative Preferred Stock, Series 3, (p) Floating Rate Non-Cumulative Preferred Stock, Series 4, (q) Floating Rate Non-Cumulative Preferred Stock, Series 5, (r) if issued, 6.625% Non-Cumulative Preferred Stock, Series W, and (s) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series X Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reuters Screen Page “LIBOR01”*” means the display page so designated on Reuters (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying London interbank offered rates for U.S. dollar deposits).

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series X Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series X Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*Three-Month LIBOR*” means, with respect to any Dividend Period in the Floating Rate Period, the offered rate (expressed as a percentage *per annum*) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If such rate does not appear on Reuters Screen Page “LIBOR01,” Three-Month LIBOR will be determined on the basis of the rates at which deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount

of not less than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected by the Calculation Agent (in consultation with the Corporation) to provide quotations are quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period in the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period (as defined below). The Calculation Agent's establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series X Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) Rate. Holders of Series X Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series X Preferred Stock, and no more, payable (x) for the Fixed Rate Period, semi-annually in arrears on March 5 and September 5 of each year, beginning on March 5, 2015, and (y) for the Floating Rate Period, quarterly in arrears on each March 5, June 5, September 5 and December 5, beginning on December 5, 2024; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless, for the Fixed Rate Period, that day falls in the next calendar year or, for the Floating Rate Period, that day falls in the next calendar month, then in each such case payment of such dividend will occur on the immediately preceding Business Day) (i) on or prior to September 5, 2024, without any interest or other payment in respect of such delay, and (ii) after September 5, 2024, with dividends accruing to the actual payment date (each such day on which dividends are payable a "Dividend Payment Date"). The period from, and including, the date of issuance of the Series X Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a "Dividend Period." Dividends on each share of Series X Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 6.250%, for each Dividend Period from the issue date to, but excluding, September 5, 2024 (the "Fixed Rate Period"), and (2) thereafter, Three-Month LIBOR plus a spread of 3.705%, for each Dividend Period from, and including, September 5, 2024 (the "Floating Rate Period"). The record date for payment of dividends on the Series X Preferred Stock shall be the fifteenth day of the calendar month preceding the month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series X Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series X Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series X Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series X Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series X Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of

other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series X Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series X Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series X Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series X Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series X Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series X Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series X Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series X Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series X Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series X Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series X Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series X Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series X Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series X Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series X Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series X Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series X Preferred Stock at the time outstanding, at any time on or after September 5, 2024, or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series X Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be

\$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series X Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series X Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series X Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series X Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series X Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series X Preferred Stock at the time outstanding, the shares of Series X Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series X Preferred Stock in proportion to the number of Series X Preferred Stock held by such holders or by lot or in such other manner as the Board of Directors or any duly authorized committee of the Board of Directors may determine to be fair and equitable. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series X Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depositary Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depositary Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series X Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series X Preferred Stock or any other class or series of preferred stock that ranks on parity with Series X Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series X Preferred Stock (together with holders of any class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right,

voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series X Preferred Stock and any other class or series of preferred stock that ranks on parity with Series X Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series X Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series X Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series X Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series X Preferred Stock and any other class or series of preferred stock that ranks on parity with Series X Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series X Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series X Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series X Preferred Stock and any other class or series of preferred stock that ranks on parity with Series X Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series X Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series X Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series X Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least of the voting power of the Series X Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series X Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series X Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least of the shares of the Series X Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series X Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series X Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series X Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series X Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series X Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series X Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series X Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series X Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series X Preferred Stock shall not have any rights of preemption or rights to convert such Series X Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series X Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series X Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series X Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series X Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 5th day of September, 2014.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Corporate Secretary and Deputy General Counsel

Exhibit L

**FIXED-TO-FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES Z
CERTIFICATE OF DESIGNATIONS
OF
FIXED-TO-FLOATING RATE
NON-CUMULATIVE PREFERRED STOCK, SERIES Z
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the New Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on October 20, 2014, in accordance with Section 141(f) of the General Corporation Law:

RESOLVED, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated May 7, 2014 and July 24, 2014, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z” (the “*Series Z Preferred Stock*”). Each share of Series Z Preferred Stock shall be identical in all respects to every other share of Series Z Preferred Stock. Series Z Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series Z Preferred Stock shall be 56,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series Z Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series Z Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series Z Preferred Stock:

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series Z Preferred Stock during the Floating Rate Period (as defined below).

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series Z Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series Z

Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series Z Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series Z Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series Z Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series Z Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) 6.625% Non-Cumulative Preferred Stock, Series W, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (o) Floating Rate Non-Cumulative Preferred Stock, Series 1, (p) Floating Rate Non-Cumulative Preferred Stock, Series 2, (q) 6.375% Non-Cumulative Preferred Stock, Series 3, (r) Floating Rate Non-Cumulative Preferred Stock, Series 4, (s) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (t) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series Z Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reuters Screen Page “LIBOR01”*” means the display page so designated on Reuters (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying London interbank offered rates for U.S. dollar deposits).

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series Z Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series Z Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*Three-Month LIBOR*” means, with respect to any Dividend Period in the Floating Rate Period, the offered rate (expressed as a percentage *per annum*) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If such rate does not appear on Reuters Screen Page “LIBOR01,” Three-Month LIBOR will be determined on the basis of the rates at which deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount

of not less than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected by the Calculation Agent (in consultation with the Corporation) to provide quotations are quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period in the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period (as defined below). The Calculation Agent's establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series Z Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) Rate. Holders of Series Z Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series Z Preferred Stock, and no more, payable (x) for the Fixed Rate Period, semi-annually in arrears on April 23 and October 23 of each year, beginning on April 23, 2015, and (y) for the Floating Rate Period, quarterly in arrears on each January 23, April 23, July 23 and October 23, beginning on January 23, 2025; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless, for the Fixed Rate Period, that day falls in the next calendar year or, for the Floating Rate Period, that day falls in the next calendar month, then in each such case payment of such dividend will occur on the immediately preceding Business Day) (i) on or prior to October 23, 2024, without any interest or other payment in respect of such delay, and (ii) after October 23, 2024, with dividends accruing to the actual payment date (each such day on which dividends are payable a "Dividend Payment Date"). The period from, and including, the date of issuance of the Series Z Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a "Dividend Period." Dividends on each share of Series Z Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 6.500%, for each Dividend Period from the issue date to, but excluding, October 23, 2024 (the "Fixed Rate Period"), and (2) thereafter, Three-Month LIBOR plus a spread of 4.174%, for each Dividend Period from, and including, October 23, 2024 (the "Floating Rate Period"). The record date for payment of dividends on the Series Z Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series Z Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series Z Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series Z Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series Z Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series Z Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of

other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series Z Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series Z Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series Z Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series Z Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series Z Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series Z Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series Z Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series Z Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series Z Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series Z Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series Z Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series Z Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series Z Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series Z Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series Z Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series Z Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series Z Preferred Stock at the time outstanding, at any time on or after October 23, 2024, or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series Z Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be

\$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series Z Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series Z Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series Z Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series Z Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series Z Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series Z Preferred Stock at the time outstanding, the shares of Series Z Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series Z Preferred Stock in proportion to the number of Series Z Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series Z Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the "*Depositary Company*") in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depositary Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series Z Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series Z Preferred Stock or any other class or series of preferred stock that ranks on parity with Series Z Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series Z Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right,

voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series Z Preferred Stock and any other class or series of preferred stock that ranks on parity with Series Z Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series Z Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series Z Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series Z Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series Z Preferred Stock and any other class or series of preferred stock that ranks on parity with Series Z Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By- laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series Z Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series Z Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series Z Preferred Stock and any other class or series of preferred stock that ranks on parity with Series Z Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series Z Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series Z Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series Z Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series Z Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series Z Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series Z Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series Z Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series Z Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series Z Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series Z Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series Z Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series Z Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series Z Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series Z Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series Z Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series Z Preferred Stock shall not have any rights of preemption or rights to convert such Series Z Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series Z Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series Z Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series Z Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series Z Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 23rd day of October, 2014.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Corporate Secretary and Deputy General Counsel

Exhibit M

**6.500% NON-CUMULATIVE PREFERRED STOCK, SERIES Y
CERTIFICATE OF DESIGNATIONS
OF
6.500% NON-CUMULATIVE PREFERRED STOCK, SERIES Y
OF
BANK OF AMERICA CORPORATION**

First: Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the New Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on January 20, 2015, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 12, 2015, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “6.500% Non-Cumulative Preferred Stock, Series Y” (the “*Series Y Preferred Stock*”). Each share of Series Y Preferred Stock shall be identical in all respects to every other share of Series Y Preferred Stock. Series Y Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series Y Preferred Stock shall be 44,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series Y Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series Y Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series Y Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series Y Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series Y Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series Y Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series Y Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series Y Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series Y Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) 6.625% Non-Cumulative Preferred Stock, Series W, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (o) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (p) Floating Rate Non-Cumulative Preferred Stock, Series 1, (q) Floating Rate Non-Cumulative Preferred Stock, Series 2, (r) 6.375% Non-Cumulative Preferred Stock, Series 3, (s) Floating Rate Non-Cumulative Preferred Stock, Series 4, (t) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (u) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series Y Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series Y Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series Y Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) **Rate.** Holders of Series Y Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series Y Preferred Stock, and no more, payable quarterly in arrears on January 27, April 27, July 27 and October 27 of each year, beginning on April 27, 2015; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), without any interest or other payment in respect of such delay (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from, and including, the date of issuance of the Series Y Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series Y Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a ~~rate~~*per annum* equal to 6.500%. The record date for payment of dividends on the Series Y Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) **Non-Cumulative Dividends.** Dividends on shares of Series Y Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series Y Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series Y Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such

dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series Y Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series Y Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series Y Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series Y Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series Y Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series Y Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series Y Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series Y Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series Y Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series Y Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series Y Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series Y Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series Y Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series Y Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series Y Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series Y Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series Y Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series Y Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the

Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series Y Preferred Stock at the time outstanding, at any time on or after January 27, 2020 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series Y Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series Y Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series Y Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series Y Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series Y Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series Y Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series Y Preferred Stock at the time outstanding, the shares of Series Y Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series Y Preferred Stock in proportion to the number of Series Y Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series Y Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the "*Depository Company*") in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series Y Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series Y Preferred Stock or any other class or series of preferred stock that ranks on parity with Series Y Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series Y Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series Y Preferred Stock and any other class or series of preferred stock that ranks on parity with Series Y Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series Y Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series Y Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series Y Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series Y Preferred Stock and any other class or series of preferred stock that ranks on parity with Series Y Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series Y Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series Y Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series Y Preferred Stock and any other class or series of preferred stock that ranks on parity with Series Y Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series Y Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series Y Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series Y Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series Y Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in

person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series Y Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series Y Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series Y Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series Y Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series Y Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series Y Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series Y Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series Y Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series Y Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series Y Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series Y Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series Y Preferred Stock shall not have any rights of preemption or rights to convert such Series Y Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series Y Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series Y Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series Y Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series Y Preferred Stock are not subject to the operation of a sinking fund.

Second: This Certificate of Designations shall be effective at 10:00 a.m. (Eastern Standard Time) on January 27, 2015.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 26th day of January, 2015.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit N

**Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA
CERTIFICATE OF DESIGNATIONS
OF
FIXED-TO-FLOATING RATE
NON-CUMULATIVE PREFERRED STOCK, SERIES AA
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the New Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on March 12, 2015, in accordance with Section 141(f) of the General Corporation Law:

RESOLVED, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 12, 2015, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA” (the “*Series AA Preferred Stock*”). Each share of Series AA Preferred Stock shall be identical in all respects to every other share of Series AA Preferred Stock. Series AA Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series AA Preferred Stock shall be 76,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series AA Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series AA Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series AA Preferred Stock:

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series AA Preferred Stock during the Floating Rate Period (as defined below).

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series AA Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series

AA Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series AA Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series AA Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series AA Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series AA Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) 6.625% Non-Cumulative Preferred Stock, Series W, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (o) 6.500% Non-Cumulative Preferred Stock, Series Y, (p) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (q) Floating Rate Non-Cumulative Preferred Stock, Series 1, (r) Floating Rate Non-Cumulative Preferred Stock, Series 2, (s) 6.375% Non-Cumulative Preferred Stock, Series 3, (t) Floating Rate Non-Cumulative Preferred Stock, Series 4, (u) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (v) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series AA Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reuters Screen Page “LIBOR01”*” means the display page so designated on Reuters (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying London interbank offered rates for U.S. dollar deposits).

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series AA Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series AA Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*Three-Month LIBOR*” means, with respect to any Dividend Period in the Floating Rate Period, the offered rate (expressed as a percentage *per annum*) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If such rate does not appear on Reuters Screen Page “LIBOR01,” Three-Month LIBOR will be determined on the basis of the rates at which

deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected by the Calculation Agent (in consultation with the Corporation), at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected by the Calculation Agent (in consultation with the Corporation) to provide quotations are quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period in the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period (as defined below). The Calculation Agent's establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series AA Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) Rate. Holders of Series AA Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series AA Preferred Stock, and no more, payable (x) for the Fixed Rate Period, semi-annually in arrears on March 17 and September 17 of each year, beginning on September 17, 2015, and (y) for the Floating Rate Period, quarterly in arrears on each March 17, June 17, September 17 and December 17, beginning on June 17, 2025; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless, for the Fixed Rate Period, that day falls in the next calendar year or, for the Floating Rate Period, that day falls in the next calendar month, then in each such case payment of such dividend will occur on the immediately preceding Business Day) (i) on or prior to March 17, 2025, without any interest or other payment in respect of such delay, and (ii) after March 17, 2025, with dividends accruing to the actual payment date (each such day on which dividends are payable a "*Dividend Payment Date*"). The period from, and including, the date of issuance of the Series AA Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a "*Dividend Period*." Dividends on each share of Series AA Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 6.100%, for each Dividend Period from the issue date to, but excluding, March 17, 2025 (the "*Fixed Rate Period*"), and (2) thereafter, Three-Month LIBOR plus a spread of 3.898%, for each Dividend Period from, and including, March 17, 2025 (the "*Floating Rate Period*"). The record date for payment of dividends on the Series AA Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series AA Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series AA Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series AA Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series AA Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series AA Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or

into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or a *pro rata* portion, of the Series AA Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series AA Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series AA Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series AA Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series AA Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series AA Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series AA Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series AA Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series AA Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series AA Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series AA Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series AA Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series AA Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series AA Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series AA Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series AA Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series AA Preferred Stock at the time outstanding, at any time on or after March 17, 2025, or (ii) in whole but not in part, at any

time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series AA Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series AA Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series AA Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series AA Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series AA Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series AA Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series AA Preferred Stock at the time outstanding, the shares of Series AA Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series AA Preferred Stock in proportion to the number of Series AA Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series AA Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series AA Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series AA Preferred Stock or any other class or series of preferred stock that ranks on parity with Series AA Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series AA Preferred Stock (together with holders of any class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have

the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series AA Preferred Stock and any other class or series of preferred stock that ranks on parity with Series AA Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series AA Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series AA Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series AA Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series AA Preferred Stock and any other class or series of preferred stock that ranks on parity with Series AA Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series AA Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series AA Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series AA Preferred Stock and any other class or series of preferred stock that ranks on parity with Series AA Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series AA Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series AA Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series AA Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series AA Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series AA Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series AA Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series AA Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series AA Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series AA Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series AA Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series AA Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series AA Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series AA Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series AA Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series AA Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series AA Preferred Stock shall not have any rights of preemption or rights to convert such Series AA Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series AA Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series AA Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series AA Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series AA Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 1st day of March, 2015.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit O

6.200% Non-Cumulative Preferred Stock, Series CC

CERTIFICATE OF DESIGNATIONS
OF
6.200% NON-CUMULATIVE PREFERRED STOCK, SERIES CC
OF
BANK OF AMERICA CORPORATION

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “Corporation”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “Board of Directors”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the New Preferred Stock Committee of the Board of Directors (the “Committee”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “General Corporation Law”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on January 21, 2016, in accordance with Section 141(f) of the General Corporation Law:

RESOLVED, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 12, 2015, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “6.200% Non-Cumulative Preferred Stock, Series CC” (the “*Series CC Preferred Stock*”). Each share of Series CC Preferred Stock shall be identical in all respects to every other share of Series CC Preferred Stock. Series CC Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series CC Preferred Stock shall be 44,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series CC Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series CC Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series CC Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series CC Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series CC Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series CC Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series CC Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the

Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series CC Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series CC Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) 6.625% Non-Cumulative Preferred Stock, Series W, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (o) 6.500% Non-Cumulative Preferred Stock, Series Y, (p) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (r) Floating Rate Non-Cumulative Preferred Stock, Series 1, (s) Floating Rate Non-Cumulative Preferred Stock, Series 2, (t) 6.375% Non-Cumulative Preferred Stock, Series 3, (u) Floating Rate Non-Cumulative Preferred Stock, Series 4, (v) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (w) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series CC Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series CC Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series CC Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) **Rate.** Holders of Series CC Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series CC Preferred Stock, and no more, payable quarterly in arrears on January 29, April 29, July 29 and October 29 of each year, beginning on April 29, 2016; ~~provided, however,~~ if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), without any interest or other payment in respect of such delay (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from, and including, the date of issuance of the Series CC Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series CC Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a ~~rate~~ *per annum* equal to 6.200%. The record date for payment of dividends on the Series CC Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) **Non-Cumulative Dividends.** Dividends on shares of Series CC Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series CC Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation

shall have no obligation to pay, and the holders of Series CC Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series CC Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series CC Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series CC Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series CC Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series CC Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series CC Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series CC Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series CC Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series CC Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series CC Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series CC Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series CC Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series CC Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series CC Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series CC Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series CC Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series CC Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series CC Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the

Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) **Optional Redemption.** The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series CC Preferred Stock at the time outstanding, at any time on or after January 29, 2021 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series CC Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) **Notice of Redemption.** Notice of every redemption of shares of Series CC Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series CC Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series CC Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series CC Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series CC Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) **Partial Redemption.** In case of any redemption of only part of the shares of Series CC Preferred Stock at the time outstanding, the shares of Series CC Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series CC Preferred Stock in proportion to the number of Series CC Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series CC Preferred Stock shall be redeemed from time to time.

(d) **Effectiveness of Redemption.** If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the "*Depository Company*") in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) **General.** The holders of Series CC Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series CC Preferred Stock or any other class or series of preferred stock that ranks on parity with Series CC Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series CC Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series CC Preferred Stock and any other class or series of preferred stock that ranks on parity with Series CC Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series CC Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series CC Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series CC Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series CC Preferred Stock and any other class or series of preferred stock that ranks on parity with Series CC Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series CC Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series CC Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series CC Preferred Stock and any other class or series of preferred stock that ranks on parity with Series CC Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series CC Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series CC Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series CC Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series CC Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any

capital stock ranking senior to the Series CC Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series CC Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66²/₃% of the shares of the Series CC Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series CC Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series CC Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series CC Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series CC Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series CC Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series CC Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series CC Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series CC Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series CC Preferred Stock shall not have any rights of preemption or rights to convert such Series CC Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series CC Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series CC Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series CC Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series CC Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 29th day of January, 2016.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit P

Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD
CERTIFICATE OF DESIGNATIONS
OF
FIXED-TO-FLOATING RATE
NON-CUMULATIVE PREFERRED STOCK, SERIES DD
OF
BANK OF AMERICA CORPORATION

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the New Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on March 7, 2016, in accordance with Section 141(f) of the General Corporation Law:

RESOLVED, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 12, 2015, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD” (the “*Series DD Preferred Stock*”). Each share of Series DD Preferred Stock shall be identical in all respects to every other share of Series DD Preferred Stock. Series DD Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series DD Preferred Stock shall be 40,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series DD Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series DD Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series DD Preferred Stock:

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series DD Preferred Stock during the Floating Rate Period (as defined below).

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series DD Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series

DD Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series DD Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series DD Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series DD Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series DD Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) 6.625% Non-Cumulative Preferred Stock, Series W, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (o) 6.500% Non-Cumulative Preferred Stock, Series Y, (p) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (r) 6.200% Non-Cumulative Preferred Stock, Series CC, (s) Floating Rate Non-Cumulative Preferred Stock, Series 1, (t) Floating Rate Non-Cumulative Preferred Stock, Series 2, (u) 6.375% Non-Cumulative Preferred Stock, Series 3, (v) Floating Rate Non-Cumulative Preferred Stock, Series 4, (w) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (x) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series DD Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reuters Screen Page “LIBOR01”*” means the display page so designated on Reuters (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying London interbank offered rates for U.S. dollar deposits).

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series DD Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series DD Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*Three-Month LIBOR*” means, with respect to any Dividend Period in the Floating Rate Period, the offered rate (expressed as a percentage *per annum*) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” as of 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend*”).

Determination Date”). If such rate does not appear on Reuters Screen Page “LIBOR01,” Three-Month LIBOR will be determined on the basis of the rates at which deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000 are offered to prime banks in the London interbank market by four major banks in the London interbank market selected and identified by the Corporation, at approximately 11:00 a.m., London time on the second London Banking Day immediately preceding the first day of that Dividend Period. The Calculation Agent will request the principal London office of each of such banks to provide a quotation of its rate. If at least two such quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of such quotations. If fewer than two quotations are provided, Three-Month LIBOR with respect to that Dividend Period will be the arithmetic mean (rounded upward if necessary to the nearest .00001 of 1%) of the rates quoted by three major banks in New York City selected and identified by the Corporation, at approximately 11:00 a.m., New York City time, on the first day of that Dividend Period for loans in U.S. dollars to leading European banks for a three-month period commencing on the first day of that Dividend Period and in a principal amount of not less than \$1,000,000. However, if fewer than three banks selected and identified by the Corporation to provide quotations are quoting as described above, Three-Month LIBOR for that Dividend Period will be the same as Three-Month LIBOR as determined for the previous Dividend Period, or in the case of the first Dividend Period in the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period (as defined below). The Calculation Agent’s establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series DD Preferred Stock upon request and will be final and binding in the absence of manifest error.

Section 4. Dividends.

(a) Rate. Holders of Series DD Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series DD Preferred Stock, and no more, payable (x) for the Fixed Rate Period, semi-annually in arrears on March 10 and September 10 of each year, beginning on September 10, 2016, and (y) for the Floating Rate Period, quarterly in arrears on each March 10, June 10, September 10 and December 10, beginning on June 10, 2026; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless, for the Fixed Rate Period, that day falls in the next calendar year or, for the Floating Rate Period, that day falls in the next calendar month, then in each such case payment of such dividend will occur on the immediately preceding Business Day) (i) on or prior to March 10, 2026, without any interest or other payment in respect of such delay, and (ii) after March 10, 2026, with dividends accruing to the actual payment date (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from, and including, the date of issuance of the Series DD Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series DD Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 6.300%, for each Dividend Period from the issue date to, but excluding, March 10, 2026 (the “*Fixed Rate Period*”), and (2) thereafter, Three-Month LIBOR plus a spread of 4.553%, for each Dividend Period from, and including, March 10, 2026 (the “*Floating Rate Period*”). The record date for payment of dividends on the Series DD Preferred Stock shall be the fifteenth day of the calendar month preceding the month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series DD Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series DD Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series DD Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series DD Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series DD Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased,

redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series DD Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series DD Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series DD Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series DD Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series DD Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on *apro rata* basis among the holders of the shares of Series DD Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series DD Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series DD Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series DD Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series DD Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series DD Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series DD Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series DD Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series DD Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series DD Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series DD Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series DD Preferred Stock at the time outstanding, at any time on or after March 10, 2026, or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series DD Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series DD Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series DD Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series DD Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series DD Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series DD Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series DD Preferred Stock at the time outstanding, the shares of Series DD Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series DD Preferred Stock in proportion to the number of Series DD Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series DD Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series DD Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series DD Preferred Stock or any other class or series of preferred stock that ranks on parity with Series DD Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more

quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series DD Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series DD Preferred Stock and any other class or series of preferred stock that ranks on parity with Series DD Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series DD Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series DD Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series DD Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series DD Preferred Stock and any other class or series of preferred stock that ranks on parity with Series DD Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series DD Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series DD Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series DD Preferred Stock and any other class or series of preferred stock that ranks on parity with Series DD Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series DD Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series DD Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series DD Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series DD Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series DD Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series DD Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the

holders of at least 66⅔% of the shares of the Series DD Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series DD Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series DD Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series DD Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series DD Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series DD Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series DD Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series DD Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series DD Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series DD Preferred Stock shall not have any rights of preemption or rights to convert such Series DD Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series DD Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series DD Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series DD Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series DD Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 10th day of March, 2016.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit Q

**6.000% Non-Cumulative Preferred Stock, Series EE
CERTIFICATE OF DESIGNATIONS
OF
6.000% NON-CUMULATIVE PREFERRED STOCK, SERIES EE
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the New Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on April 18, 2016, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 12, 2015, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “6.000% Non-Cumulative Preferred Stock, Series EE” (the “*Series EE Preferred Stock*”). Each share of Series EE Preferred Stock shall be identical in all respects to every other share of Series EE Preferred Stock. Series EE Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series EE Preferred Stock shall be 36,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series EE Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series EE Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series EE Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series EE Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series EE Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series EE Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series EE Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series EE Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series EE Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) 6.625% Non-Cumulative Preferred Stock, Series W, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (o) 6.500% Non-Cumulative Preferred Stock, Series Y, (p) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (r) 6.200% Non-Cumulative Preferred Stock, Series CC, (s) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (t) Floating Rate Non-Cumulative Preferred Stock, Series 1, (u) Floating Rate Non-Cumulative Preferred Stock, Series 2, (v) 6.375% Non-Cumulative Preferred Stock, Series 3, (w) Floating Rate Non-Cumulative Preferred Stock, Series 4, (x) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (y) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series EE Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series EE Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series EE Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) **Rate.** Holders of Series EE Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series EE Preferred Stock, and no more, payable quarterly in arrears on January 25, April 25, July 25 and October 25 of each year, beginning on July 25, 2016; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), without any interest or other payment in respect of such delay (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from, and including, the date of issuance of the Series EE Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series EE Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a ~~rate~~ *per annum* equal to 6.000%. The record date for payment of dividends on the Series EE Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) **Non-Cumulative Dividends.** Dividends on shares of Series EE Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series EE Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series EE Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any

subsequent Dividend Period with respect to Series EE Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series EE Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series EE Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series EE Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series EE Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series EE Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series EE Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series EE Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series EE Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series EE Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series EE Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series EE Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series EE Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series EE Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series EE Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series EE Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series EE Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series EE Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination

transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series EE Preferred Stock at the time outstanding, at any time on or after April 25, 2021 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series EE Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series EE Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 days and not more than 60 days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series EE Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series EE Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series EE Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series EE Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series EE Preferred Stock at the time outstanding, the shares of Series EE Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series EE Preferred Stock in proportion to the number of Series EE Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series EE Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series EE Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series EE Preferred Stock or any other class or series of preferred stock that ranks on parity with Series EE Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series EE Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series EE Preferred Stock and any other class or series of preferred stock that ranks on parity with Series EE Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series EE Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series EE Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series EE Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series EE Preferred Stock and any other class or series of preferred stock that ranks on parity with Series EE Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series EE Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series EE Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series EE Preferred Stock and any other class or series of preferred stock that ranks on parity with Series EE Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series EE Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series EE Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series EE Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series EE Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any

capital stock ranking senior to the Series EE Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series EE Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66 $\frac{2}{3}$ % of the shares of the Series EE Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series EE Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series EE Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series EE Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series EE Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series EE Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series EE Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series EE Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series EE Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series EE Preferred Stock shall not have any rights of preemption or rights to convert such Series EE Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series EE Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series EE Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series EE Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series EE Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 25th day of April, 2016.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit R

Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF

**CERTIFICATE OF DESIGNATIONS
OF
FIXED-TO-FLOATING RATE
NON-CUMULATIVE PREFERRED STOCK, SERIES FF
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on March 8, 2018, in accordance with Section 141(f) of the General Corporation Law:

RESOLVED, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 31, 2018, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF” (the “*Series FF Preferred Stock*”). Each share of Series FF Preferred Stock shall be identical in all respects to every other share of Series FF Preferred Stock. Series FF Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series FF Preferred Stock shall be 94,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series FF Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series FF Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series FF Preferred Stock:

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity as may be appointed by the Corporation to act as calculation agent for the Series FF Preferred Stock during the Floating Rate Period.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United

States that is enacted or becomes effective after the initial issuance of any shares of the Series FF Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series FF Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series FF Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series FF Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series FF Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of “Three-Month LIBOR.”

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series FF Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series M, (j) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (m) 6.625% Non-Cumulative Preferred Stock, Series W, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (o) 6.500% Non-Cumulative Preferred Stock, Series Y, (p) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (r) 6.200% Non-Cumulative Preferred Stock, Series CC, (s) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (t) 6.000% Non-Cumulative Preferred Stock, Series EE, (u) Floating Rate Non-Cumulative Preferred Stock, Series I, (v) Floating Rate Non-Cumulative Preferred Stock, Series 2, (w) 6.375% Non-Cumulative Preferred Stock, Series 3, (x) Floating Rate Non-Cumulative Preferred Stock, Series 4, (y) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (z) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series FF Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reuters Screen Page “LIBOR01”*” means the display page so designated on Reuters (or any other page as may replace that page on that service, or any other service as may be nominated as the information vendor, for the purpose of displaying London interbank offered rates for U.S. dollar deposits).

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series FF Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series FF Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“Three-Month LIBOR” means, with respect to any Dividend Period in the Floating Rate Period, the London interbank offered rate (expressed as a percentage *per annum*) for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” at approximately 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If no offered rate appears on Reuters Screen Page “LIBOR01” on the relevant Dividend Determination Date at approximately 11:00 a.m., London time, then the Corporation will select and identify to the Calculation Agent four major banks in the London interbank market, and the Calculation Agent will request the principal London offices of each of such banks to provide a quotation of the rate at which three-month deposits in U.S. dollars in amounts of at least \$1,000,000 are offered by it to prime banks in the London interbank market, on that date and at that time. If at least two quotations are provided, Three-Month LIBOR will be the arithmetic average (rounded upward if necessary to the nearest .00001 of 1%) of the quotations provided. If less than two quotations are provided, the Corporation will select and identify to the Calculation Agent three major banks in New York City, and the Calculation Agent will request each of such banks to provide a quotation of the rate offered by it at approximately 11:00 a.m., New York City time, on the Dividend Determination Date for loans in U.S. dollars to leading European banks for a three-month period for the applicable Dividend Period in an amount of at least \$1,000,000. If three quotations are provided, Three-Month LIBOR will be the arithmetic average of the quotations provided. Otherwise, Three-Month LIBOR for that Dividend Period will be equal to Three-Month LIBOR in effect for the then-current Dividend Period or in the case of the first Dividend Period in the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period.

Notwithstanding the foregoing, if the Calculation Agent determines on or prior to the relevant Dividend Determination Date, after consultation with the Corporation, that Three-Month LIBOR has been discontinued, then the Corporation will appoint in its sole discretion an investment bank of national standing, which may be an affiliate of the Corporation, to determine whether there is a substitute or successor base rate to Three-Month LIBOR that is consistent with accepted market practice. If such investment bank of national standing determines that there is such a substitute or successor base rate, the Calculation Agent shall use such substitute or successor base rate. In such case, the Calculation Agent will implement changes to the business day convention, the definition of Business Day, the Dividend Determination Date and any method for obtaining the substitute or successor base rate if such rate is unavailable on the relevant Business Day, in a manner that is consistent with industry accepted practices for such substitute or successor base rate, all as directed by the investment bank of national standing. If the investment bank of national standing determines that there is no such substitute or successor base rate as so provided above, Three-Month LIBOR for that Dividend Period will be determined in accordance with the steps provided in the immediately preceding paragraph.

Section 4. Dividends.

(a) **Rate.** Holders of Series FF Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series FF Preferred Stock, and no more, payable (x) for the Fixed Rate Period, semi-annually in arrears on March 15 and September 15 of each year, beginning on September 15, 2018, and (y) for the Floating Rate Period, quarterly in arrears on each March 15, June 15, September 15 and December 15, beginning on June 15, 2028; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless, for the Fixed Rate Period, that day falls in the next calendar year or, for the Floating Rate Period, that day falls in the next calendar month, then in each such case payment of such dividend will occur on the immediately preceding Business Day) (i) on or prior to March 15, 2028, without any interest or other payment in respect of such delay, and (ii) after March 15, 2028, with dividends accruing to the actual payment date (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from, and including, the date of issuance of the Series FF Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series FF Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 5.875%, for each Dividend Period from the issue date to, but excluding, March 15, 2028 (the “*Fixed Rate Period*”), and (2) thereafter, Three-Month LIBOR plus a spread of 2.931%, for each Dividend Period from, and including, March 15, 2028 (the “*Floating Rate Period*”). The record date for payment of dividends on the Series FF Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward. The Calculation Agent’s establishment of Three-Month LIBOR and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be

made available to any holder of Series FF Preferred Stock upon request and will be final and binding in the absence of manifest error.

(b) Non-Cumulative Dividends. Dividends on shares of Series FF Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series FF Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series FF Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series FF Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series FF Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series FF Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series FF Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series FF Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series FF Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series FF Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series FF Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series FF Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series FF Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series FF Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series FF Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series FF Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series FF Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series FF Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series FF Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series FF Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series FF Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series FF Preferred Stock at the time outstanding, at any time on or after March 15, 2028, or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series FF Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series FF Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series FF Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series FF Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series FF Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series FF Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series FF Preferred Stock at the time outstanding, the shares of Series FF Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series FF Preferred Stock in proportion to the number of Series FF Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series FF Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depositary Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from such bank or trust company at any time after the redemption date from the funds so deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depositary Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount deposited.

as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series FF Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series FF Preferred Stock or any other class or series of preferred stock that ranks on parity with Series FF Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series FF Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series FF Preferred Stock and any other class or series of preferred stock that ranks on parity with Series FF Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series FF Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series FF Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series FF Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series FF Preferred Stock and any other class or series of preferred stock that ranks on parity with Series FF Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series FF Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series FF Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series FF Preferred Stock and any other class or series of preferred stock that ranks on parity with Series FF Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series FF Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series FF Preferred Stock

(together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series FF Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least $6\frac{2}{3}\%$ of the voting power of the Series FF Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series FF Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series FF Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least $6\frac{2}{3}\%$ of the shares of the Series FF Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series FF Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series FF Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series FF Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series FF Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series FF Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series FF Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series FF Preferred Stock, with proper notice and sufficient funds having been set aside for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series FF Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series FF Preferred Stock shall not have any rights of preemption or rights to convert such Series FF Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series FF Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series FF Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series FF Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series FF Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 1st day of March, 2018.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit S

6.000% Non-Cumulative Preferred Stock, Series GG

**CERTIFICATE OF DESIGNATIONS
OF
6.000% NON-CUMULATIVE PREFERRED STOCK, SERIES GG
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on May 7, 2018, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 31, 2018, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “6.000% Non-Cumulative Preferred Stock, Series GG” (the “*Series GG Preferred Stock*”). Each share of Series GG Preferred Stock shall be identical in all respects to every other share of Series GG Preferred Stock. Series GG Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series GG Preferred Stock shall be 55,200. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series GG Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series GG Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series GG Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series GG Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series GG Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series GG Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series GG Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the

Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series GG Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series GG Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) 6.625% Non-Cumulative Preferred Stock, Series I, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (h) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (i) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (l) 6.625% Non-Cumulative Preferred Stock, Series W, (m) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (n) 6.500% Non-Cumulative Preferred Stock, Series Y, (o) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (p) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (q) 6.200% Non-Cumulative Preferred Stock, Series CC, (r) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (s) 6.000% Non-Cumulative Preferred Stock, Series EE, (t) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (u) Floating Rate Non-Cumulative Preferred Stock, Series I, (v) Floating Rate Non-Cumulative Preferred Stock, Series 2, (w) 6.375% Non-Cumulative Preferred Stock, Series 3, (x) Floating Rate Non-Cumulative Preferred Stock, Series 4, (y) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (z) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series GG Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series GG Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series GG Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) **Rate.** Holders of Series GG Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series GG Preferred Stock, and no more, payable quarterly in arrears on February 16, May 16, August 16 and November 16 of each year, beginning on August 16, 2018; provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), without any interest or other payment in respect of such delay (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from, and including, the date of issuance of the Series GG Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series GG Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a ~~rate~~ *per annum* equal to 6.000%. The record date for payment of dividends on the Series GG Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) **Non-Cumulative Dividends.** Dividends on shares of Series GG Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series GG Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not

accumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series GG Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series GG Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series GG Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series GG Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series GG Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series GG Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series GG Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series GG Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series GG Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series GG Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series GG Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series GG Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series GG Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series GG Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series GG Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series GG Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series GG Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series GG Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series GG Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of

the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series GG Preferred Stock at the time outstanding, at any time on or after May 16, 2023 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series GG Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series GG Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series GG Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series GG Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series GG Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series GG Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series GG Preferred Stock at the time outstanding, the shares of Series GG Preferred Stock to be redeemed shall be selected *pro rata* from the holders of record of Series GG Preferred Stock in proportion to the number of Series GG Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series GG Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series GG Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series GG Preferred Stock or any other class or series of preferred stock that ranks on parity with Series GG Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series GG Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series GG Preferred Stock and any other class or series of preferred stock that ranks on parity with Series GG Preferred Stock as to payment of dividends having equivalent voting rights is a "*Preferred Director*."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series GG Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series GG Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series GG Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series GG Preferred Stock and any other class or series of preferred stock that ranks on parity with Series GG Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series GG Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series GG Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series GG Preferred Stock and any other class or series of preferred stock that ranks on parity with Series GG Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series GG Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series GG Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series GG Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series GG Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in

person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series GG Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series GG Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66 $\frac{2}{3}$ % of the shares of the Series GG Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series GG Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series GG Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series GG Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series GG Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series GG Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series GG Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series GG Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series GG Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series GG Preferred Stock shall not have any rights of preemption or rights to convert such Series GG Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series GG Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series GG Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series GG Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series GG Preferred Stock are not subject to the operation of a sinking fund

[Signature Page Follows]

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 16th day of May, 2018.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit T

5.875% Non-Cumulative Preferred Stock, Series HH

**CERTIFICATE OF DESIGNATIONS OF
5.875% NON-CUMULATIVE PREFERRED STOCK, SERIES HH
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on July 17, 2018, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 31, 2018, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “5.875% Non-Cumulative Preferred Stock, Series HH” (the “*Series HH Preferred Stock*”). Each share of Series HH Preferred Stock shall be identical in all respects to every other share of Series HH Preferred Stock. Series HH Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series HH Preferred Stock shall be 34,160. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series HH Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series HH Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series HH Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series HH Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series HH Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series HH Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series HH Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series HH Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” shall have the meaning set forth in Section 4(a) hereof.

“*Dividend Period*” shall have the meaning set forth in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series HH Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) 6.204% Non-Cumulative Preferred Stock, Series D, (c) Floating Rate Non-Cumulative Preferred Stock, Series E, (d) Floating Rate Non-Cumulative Preferred Stock, Series F, (e) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (f) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series K, (g) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (h) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (k) 6.625% Non-Cumulative Preferred Stock, Series W, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (m) 6.500% Non-Cumulative Preferred Stock, Series Y, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (o) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (p) 6.200% Non-Cumulative Preferred Stock, Series CC, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (r) 6.000% Non-Cumulative Preferred Stock, Series EE, (s) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (t) 6.000% Non-Cumulative Preferred Stock, Series GG, (u) Floating Rate Non-Cumulative Preferred Stock, Series 1, (v) Floating Rate Non-Cumulative Preferred Stock, Series 2, (w) 6.375% Non-Cumulative Preferred Stock, Series 3, (x) Floating Rate Non-Cumulative Preferred Stock, Series 4, (y) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (z) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series HH Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series HH Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series HH Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) Rate. Holders of Series HH Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series HH Preferred Stock, and no more, payable quarterly in arrears on January 24, April 24, July 24 and October 24 of each year, beginning on October 24, 2018: provided, however, if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), without any interest or other payment in respect of such delay (each such day on which dividends are payable a “*Dividend Payment Date*”). The period from, and including, the date of issuance of the Series HH Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date is a “*Dividend Period*.” Dividends on each share of Series HH Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to 5.875%. The record date for payment of dividends on the Series HH Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series HH Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series HH Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series HH Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any

subsequent Dividend Period with respect to Series HH Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series HH Preferred Stock remains outstanding, (i) no dividend shall be declared or paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series HH Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series HH Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series HH Preferred Stock remain outstanding, no dividends shall be declared or paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series HH Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series HH Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series HH Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series HH Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series HH Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series HH Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series HH Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series HH Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series HH Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series HH Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series HH Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series HH Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series HH Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination

transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series HH Preferred Stock at the time outstanding, at any time on or after July 24, 2023 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series HH Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series HH Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series HH Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series HH Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series HH Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series HH Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series HH Preferred Stock at the time outstanding, the shares of Series HH Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series HH Preferred Stock in proportion to the number of Series HH Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series HH Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the "*Depository Company*") in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series HH Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series HH Preferred Stock or any other class or series of preferred stock that ranks on parity with Series HH Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series HH Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series HH Preferred Stock and any other class or series of preferred stock that ranks on parity with Series HH Preferred Stock as to payment of dividends having equivalent voting rights is a "*Preferred Director*."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series HH Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series HH Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series HH Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series HH Preferred Stock and any other class or series of preferred stock that ranks on parity with Series HH Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series HH Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series HH Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series HH Preferred Stock and any other class or series of preferred stock that ranks on parity with Series HH Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series HH Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series HH Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series HH Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series HH Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series HH Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or

issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series HH Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series HH Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series HH Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series HH Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series HH Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series HH Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series HH Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series HH Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series HH Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series HH Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series HH Preferred Stock shall not have any rights of preemption or rights to convert such Series HH Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series HH Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series HH Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series HH Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series HH Preferred Stock are not subject to the operation of a sinking fund.

[Signature Page Follows]

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 24th day of July, 2018.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit U

Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ

**CERTIFICATE OF DESIGNATIONS OF
FIXED-TO-FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES JJ
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on June 17, 2019, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 31, 2018, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ” (the “*Series JJ Preferred Stock*”). Each share of Series JJ Preferred Stock shall be identical in all respects to every other share of Series JJ Preferred Stock. Series JJ Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series JJ Preferred Stock shall be 40,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series JJ Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series JJ Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series JJ Preferred Stock:

“*Benchmark*” means, initially, Three-Month LIBOR; provided that if a Benchmark Transition Event and its related Benchmark Replacement Date have occurred with respect to Three-Month LIBOR or the then-current Benchmark, then “*Benchmark*” means the applicable Benchmark Replacement.

“*Benchmark Replacement*” means the Interpolated Benchmark with respect to the then-current Benchmark, plus the Benchmark Replacement Adjustment for such Benchmark; provided that if the Calculation Agent (after consulting with the Corporation) cannot determine the Interpolated Benchmark as of the Benchmark Replacement Date, then “*Benchmark Replacement*” means the first alternative set forth in the order below that can be determined by the Corporation or the Calculation Agent (after consultation with the Corporation) as of the Benchmark Replacement Date:

- (1) the sum of: (a) Term SOFR and (b) the Benchmark Replacement Adjustment;
- (2) the sum of: (a) Compounded SOFR and (b) the Benchmark Replacement Adjustment;

- (3) the sum of: (a) the alternate rate that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current Benchmark for the applicable Corresponding Tenor (if any) and (b) the Benchmark Replacement Adjustment;
- (4) the sum of: (a) the ISDA Fallback Rate and (b) the Benchmark Replacement Adjustment;
- (5) the sum of: (a) the alternate rate that has been selected by the Corporation or the Calculation Agent (after consultation with the Corporation) as the replacement for the then-current Benchmark for the applicable Corresponding Tenor giving due consideration to any industry-accepted rate as a replacement for the then-current Benchmark for U.S. dollar-denominated floating rate securities at such time and (b) the Benchmark Replacement Adjustment.

“*Benchmark Replacement Adjustment*” means the first alternative set forth in the order below that can be determined by the Corporation or the Calculation Agent (after consultation with the Corporation) as of the Benchmark Replacement Date:

- (1) the spread adjustment (which may be a positive or negative value or zero) that has been selected or recommended by the Relevant Governmental Body or determined by the Corporation or the Calculation Agent (after consultation with the Corporation) in accordance with the method for calculating or determining such spread adjustment that has been selected or recommended by the Relevant Governmental Body, in each case for the applicable Unadjusted Benchmark Replacement;
- (2) if the applicable Unadjusted Benchmark Replacement is equivalent to the ISDA Fallback Rate, then the ISDA Fallback Adjustment;
- (3) the spread adjustment (which may be a positive or negative value or zero) that has been selected by the Corporation or the Calculation Agent (after consultation with the Corporation) giving due consideration to any industry-accepted spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of the then-current Benchmark with the applicable Unadjusted Benchmark Replacement for U.S. dollar-denominated floating rate securities at such time.

“*Benchmark Replacement Conforming Changes*” means, with respect to any Benchmark Replacement, changes to (1) any Dividend Determination Date, Dividend Payment Date or Dividend Period, (2) the manner, timing and frequency of determining dividends on the Series JJ Preferred Stock and the conventions relating to such determination, (3) rounding conventions, (4) tenors and (5) any other terms or provisions of the Series JJ Preferred Stock, in each case that the Corporation or the Calculation Agent (after consulting with the Corporation) determines, from time to time, to be appropriate to reflect the implementation of such Benchmark Replacement in a manner substantially consistent with market practice (or, if the Corporation or the Calculation Agent (after consulting with the Corporation) decides that implementation of any portion of such market practice is not administratively feasible or determines that no market practice for use of the Benchmark Replacement exists, in such other manner as the Corporation or the Calculation Agent (after consulting with the Corporation) determines is appropriate).

“*Benchmark Replacement Date*” means the earliest to occur of the following events with respect to the then-current Benchmark:

- (1) in the case of clause (1) or (2) of the definition of “Benchmark Transition Event,” the later of (a) the date of the public statement or publication of information referenced therein and (b) the date on which the administrator of the Benchmark permanently or indefinitely ceases to provide the Benchmark; or
- (2) in the case of clause (3) of the definition of “Benchmark Transition Event,” the date of the public statement or publication of information referenced therein.

For the avoidance of doubt, if the event giving rise to the Benchmark Replacement Date occurs on the same day as, but earlier than, the Reference Time in respect of any determination, the Benchmark Replacement Date will be deemed to have occurred prior to the Reference Time for such determination.

“*Benchmark Transition Event*” means the occurrence of one or more of the following events with respect to the then-current Benchmark:

- (1) a public statement or publication of information by or on behalf of the administrator of the Benchmark announcing that such administrator has ceased or will cease to provide the Benchmark, permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark;

- (2) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark, the central bank for the currency of the Benchmark, an insolvency official with jurisdiction over the administrator for the Benchmark, a resolution authority with jurisdiction over the administrator for the Benchmark or a court or an entity with similar insolvency or resolution authority over the administrator for the Benchmark, which states that the administrator of the Benchmark has ceased or will cease to provide the Benchmark permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark; or
- (3) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark announcing that the Benchmark is no longer representative.

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day, subject to change in accordance with Section 4(a) hereof in the event a Benchmark Transition Event and Benchmark Replacement Date have occurred.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity (which may be an affiliate of the Corporation) as may be appointed by the Corporation to act as calculation agent for the Series JJ Preferred Stock during the Floating Rate Period.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series JJ Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series JJ Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series JJ Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series JJ Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series JJ Preferred Stock is outstanding.

“*Compounded SOFR*” means the compounded average of SOFRs for the applicable Corresponding Tenor, with the rate, or methodology for this rate, and conventions for this rate being established by the Corporation or the Calculation Agent (after consulting with the Corporation) in accordance with:

- (1) the rate, or methodology for this rate, and conventions for this rate selected or recommended by the Relevant Governmental Body for determining Compounded SOFR; provided that:
- (2) if, and to the extent that, the Corporation or the Calculation Agent (after consulting with the Corporation) determine that Compounded SOFR cannot be determined in accordance with clause (1) above, then the rate, or methodology for this rate, and conventions for this rate that have been selected by Corporation or the Calculation Agent (after consulting with the Corporation) giving due consideration to any industry-accepted market practice for U.S. dollar-denominated floating rate securities at such time.

“*Corresponding Tenor*” with respect to a Benchmark Replacement means a tenor (including overnight) having approximately the same length (disregarding business day adjustment) as the applicable tenor for the then-current Benchmark.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of Three-Month LIBOR in Section 4(a) hereof.

“*Dividend Payment Date*” means, for the Fixed Rate Period, June 20 and December 20 of each year, and for the Floating Rate Period, March 20, June 20, September 20, and December 20 of each year, subject to adjustment for non-Business Days as described in Section 4(a) hereof.

“*Dividend Period*” means the period from, and including, the date of issuance of the Series JJ Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date, subject to adjustment as described in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Federal Reserve Bank of New York’s Website*” means the website of the Federal Reserve Bank of New York at <http://www.newyorkfed.org>, or any successor source.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Interpolated Benchmark*” with respect to the Benchmark means the rate determined for the Corresponding Tenor by interpolating on a linear basis between: (1) the Benchmark for the longest period (for which the Benchmark is available) that is shorter than the Corresponding Tenor and (2) the Benchmark for the shortest period (for which the Benchmark is available) that is longer than the Corresponding Tenor. If the Benchmark with respect to which the Interpolated Benchmark is being determined is Three-Month LIBOR, then the term “Benchmark” as used in clause (1) and (2) of the foregoing definition means the London interbank offered rate for deposits in U.S. dollars for the applicable periods specified in such clauses.

“*ISDA Definitions*” means the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto, as amended or supplemented from time to time, or any successor definitional booklet for interest rate derivatives published from time to time.

“*ISDA Fallback Adjustment*” means the spread adjustment (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of an index cessation event with respect to the Benchmark for the applicable tenor.

“*ISDA Fallback Rate*” means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of an index cessation date with respect to the Benchmark for the applicable tenor excluding the applicable ISDA Fallback Adjustment.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series JJ Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) Floating Rate Non-Cumulative Preferred Stock, Series E, (c) Floating Rate Non-Cumulative Preferred Stock, Series F, (d) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (e) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (f) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (i) 6.625% Non-Cumulative Preferred Stock, Series W, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (k) 6.500% Non-Cumulative Preferred Stock, Series Y, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (m) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (n) 6.200% Non-Cumulative Preferred Stock, Series CC, (o) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (p) 6.000% Non-Cumulative Preferred Stock, Series EE, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (r) 6.000% Non-Cumulative Preferred Stock, Series GG, (s) 5.875% Non-Cumulative Preferred Stock, Series HH, (t) Floating Rate Non-Cumulative Preferred Stock, Series 1, (u) Floating Rate Non-Cumulative Preferred Stock, Series 2, (v) Floating Rate Non-Cumulative Preferred Stock, Series 4, (w) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (x) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series JJ Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reference Time*” with respect to any determination of the Benchmark means (1) if the Benchmark is Three-Month LIBOR, 11:00 a.m. (London time) on the relevant Dividend Determination Date, and (2) if the Benchmark is not Three-Month LIBOR, the time determined by the Corporation or the Calculation Agent (after consulting with the Corporation) in accordance with the Benchmark Replacement Conforming Changes.

“*Relevant Governmental Body*” means the Federal Reserve and/or the Federal Reserve Bank of New York, or a committee officially endorsed or convened by the Federal Reserve and/or the Federal Reserve Bank of New York or any successor thereto.

“*Reuters Screen Page “LIBOR01”*” means the display on the Thomson Reuters Eikon service, or any successor or replacement service, on page LIBOR01, for the purpose of displaying London interbank offered rates of major banks for U.S. dollar deposits, or any successor or replacement page or pages on that service.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series JJ Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series JJ Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*SOFR*” with respect to any day means the secured overnight financing rate published for such day by the Federal Reserve Bank of New York, as the administrator of the benchmark, (or a successor administrator) on the Federal Reserve Bank of New York’s Website.

“*Term SOFR*” means the forward-looking term rate for the applicable Corresponding Tenor based on SOFR that has been selected or recommended by the Relevant Governmental Body.

“*Three-Month LIBOR*” shall have the meaning set forth in Section 4(a) hereof.

“*Unadjusted Benchmark Replacement*” means the Benchmark Replacement excluding the Benchmark Replacement Adjustment.

Section 4. Dividends.

(a) **Rate.** Holders of Series JJ Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series JJ Preferred Stock, and no more, payable (x) for the Fixed Rate Period (as defined below), semi-annually in arrears on June 20 and December 20 of each year, beginning on December 20, 2019; provided, however, that if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), in each case, without any additional dividends accruing or other payment adjustment and the relevant Dividend Period will not be adjusted; and (y) for the Floating Rate Period (as defined below), quarterly in arrears on March 20, June 20, September 20 and December 20 of each year, beginning on September 20, 2024; provided, however, that if any such day is not a Business Day, then the next succeeding day that is a Business Day will be the Dividend Payment Date for the relevant Dividend Period (unless that day falls in the next calendar month, in which case the immediately preceding Business Day will be the Dividend Payment Date for the relevant Dividend Period), in each case, with dividends accruing to, but excluding, the actual payment date, and the relevant Dividend Period will be adjusted accordingly. Dividends on each share of Series JJ Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 5.125%, for each Dividend Period from, and including, the issue date to, but excluding, June 20, 2024 (the “*Fixed Rate Period*”), and (2) thereafter, Three-Month LIBOR (as defined below) (which rate is subject to replacement as described below) plus a spread of 3.292%, for each Dividend Period from, and including, June 20, 2024 (the “*Floating Rate Period*”). If a Benchmark Transition Event and its related Benchmark Replacement Date occur with respect to Three-Month LIBOR, then dividends on the Preferred Stock during the Floating Rate Period thereafter will be determined not by reference to Three-Month LIBOR but instead by reference to the Benchmark Replacement, and, in connection with the implementation of the applicable Benchmark Replacement, the Corporation or the Calculation Agent (after consultation with the Corporation) may from time to time, on or after the Benchmark Replacement Date, to make Benchmark Replacement Conforming Changes, and any such Benchmark Replacement Conforming Changes will be deemed incorporated herein by reference and supersede and supplement the provisions of this Section 4(a) to the extent applicable.

“*Three-Month LIBOR*” means, with respect to any Dividend Period in the Floating Rate Period, the London interbank offered rate for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” at approximately 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If no such offered rate appears on Reuters Screen Page “LIBOR01” on the relevant Dividend Determination Date at approximately 11:00 a.m.,

London time, then the Corporation will select and identify to the Calculation Agent four major banks in the London interbank market, and the Calculation Agent will request each such bank to provide a quotation of the rate at which three-month deposits in U.S. dollars in amounts of at least \$1,000,000 commencing on the first day of the Dividend Period relating to such Dividend Determination Date are offered by it to prime banks in the London interbank market, at approximately 11:00 a.m. London time, on that Dividend Determination Date. If at least two quotations are provided, Three-Month LIBOR will be the arithmetic average (rounded upward if necessary to the nearest .0001%) of the quotations provided. If fewer than two quotations are provided, the Corporation will select and identify to the Calculation Agent three major banks in New York City, and the Calculation Agent will request each of such banks to provide a quotation of the rate offered by it at approximately 11:00 a.m., New York City time, on the Dividend Determination Date for loans in U.S. dollars to leading European banks for a three-month period for the applicable Dividend Period in an amount of at least \$1,000,000. If three quotations are provided, Three-Month LIBOR will be the arithmetic average of the quotations provided. Otherwise, Three-Month LIBOR for the applicable Dividend Period will be equal to Three-Month LIBOR in effect for the then-current Dividend Period or, in the case of the first Dividend Period during the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period.

Notwithstanding the foregoing paragraph, if the Corporation or the Calculation Agent (after consultation with the Corporation) determines on or prior to the relevant Dividend Determination Date that a Benchmark Transition Event and its related Benchmark Replacement Date have occurred prior to the Reference Time in respect of any determination of Three-Month LIBOR or the then-current Benchmark on any date, the Benchmark Replacement will replace the then-current Benchmark for all purposes relating to the Preferred Stock during the Floating Rate Period in respect of such determination on such date and all determinations on subsequent dates. In connection with the implementation of a Benchmark Replacement, the Corporation or the Calculation Agent (after consultation with the Corporation) may make Benchmark Replacement Conforming Changes from time to time. Any determination, decision or election that may be made by Corporation or the Calculation Agent (after consultation with the Corporation) pursuant to this paragraph (including Benchmark Replacement Conforming Changes) and definitions related thereto, and any decision to take or refrain from taking any action or any selection (i) will be conclusive and binding absent manifest error; (ii) if made by the Corporation, will be made in the sole discretion of the Corporation; (iii) if made by the Calculation Agent, will be made after consultation with the Corporation, and the Calculation Agent will not make any such determination, decision or election to which the Corporation objects; and (iv) shall be deemed incorporated herein by reference and be part of the terms of the Series JJ Preferred Stock without consent from the holders of the Preferred Stock or any other party. Any determination, decision or election pursuant to the foregoing paragraphs not made by the Calculation Agent will be made by the Corporation on the basis as described above. In addition, the Corporation may designate an entity (which may be the Corporation's affiliate) to make any determination, decision or election that the Corporation has the right to make in connection with the foregoing paragraphs. For so long as any share of the Series JJ Preferred Stock is outstanding, the Corporation will maintain a record of any Benchmark Replacement and Benchmark Replacement Conforming Changes, and will provide a copy of such record to holders of the Series JJ Preferred Stock upon written request to the Corporation.

The record date for payment of dividends on the Series JJ Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward. The Calculation Agent's establishment of Three-Month LIBOR or the Benchmark Replacement, as applicable, and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series JJ Preferred Stock upon written request and will be final and binding in the absence of manifest error.

(b) Non-Cumulative Dividends. Dividends on shares of Series JJ Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series JJ Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series JJ Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series JJ Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series JJ Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared and made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result

of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series JJ Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series JJ Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series JJ Preferred Stock remain outstanding, no dividends shall be declared and paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series JJ Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series JJ Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series JJ Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series JJ Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series JJ Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series JJ Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series JJ Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series JJ Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series JJ Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series JJ Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series JJ Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series JJ Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series JJ Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series JJ Preferred Stock at the time outstanding, at any time on or after June 20, 2024 or (ii) in whole but not in part, at any

time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series JJ Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series JJ Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series JJ Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series JJ Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series JJ Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series JJ Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series JJ Preferred Stock at the time outstanding, the shares of Series JJ Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series JJ Preferred Stock in proportion to the number of Series JJ Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series JJ Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series JJ Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series JJ Preferred Stock or any other class or series of preferred stock that ranks on parity with Series JJ Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series JJ Preferred Stock (together with holders of any class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right,

voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series JJ Preferred Stock and any other class or series of preferred stock that ranks on parity with Series JJ Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series JJ Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series JJ Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series JJ Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series JJ Preferred Stock and any other class or series of preferred stock that ranks on parity with Series JJ Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series JJ Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series JJ Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series JJ Preferred Stock and any other class or series of preferred stock that ranks on parity with Series JJ Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series JJ Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series JJ Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series JJ Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series JJ Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series JJ Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series JJ Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series JJ Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series JJ Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series JJ Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series JJ Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series JJ Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series JJ Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series JJ Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series JJ Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series JJ Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series JJ Preferred Stock shall not have any rights of preemption or rights to convert such Series JJ Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series JJ Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series JJ Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series JJ Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series JJ Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 20th day of June, 2019.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit V

5.375% Non-Cumulative Preferred Stock, Series KK

**CERTIFICATE OF DESIGNATIONS OF
5.375% NON-CUMULATIVE PREFERRED STOCK, SERIES KK
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on June 18, 2019, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors dated January 31, 2018, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “5.375% Non-Cumulative Preferred Stock, Series KK” (the “*Series KK Preferred Stock*”). Each share of Series KK Preferred Stock shall be identical in all respects to every other share of Series KK Preferred Stock. Series KK Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series KK Preferred Stock shall be 60,950. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series KK Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series KK Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series KK Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series KK Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series KK Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series KK Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series KK Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series KK Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” means March 25, June 25, September 25 and December 25 of each year, beginning on September 25, 2019.

“*Dividend Period*” means the period from, and including, the date of issuance of the Series KK Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series KK Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) Floating Rate Non-Cumulative Preferred Stock, Series E, (c) Floating Rate Non-Cumulative Preferred Stock, Series F, (d) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (e) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (f) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (i) 6.625% Non-Cumulative Preferred Stock, Series W, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (k) 6.500% Non-Cumulative Preferred Stock, Series Y, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (m) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (n) 6.200% Non-Cumulative Preferred Stock, Series CC, (o) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (p) 6.000% Non-Cumulative Preferred Stock, Series EE, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (r) 6.000% Non-Cumulative Preferred Stock, Series GG, (s) 5.875% Non-Cumulative Preferred Stock, Series HH, (t) Floating Rate Non-Cumulative Preferred Stock, Series I, (u) Floating Rate Non-Cumulative Preferred Stock, Series 2, (v) Floating Rate Non-Cumulative Preferred Stock, Series 4, (w) Floating Rate Non-Cumulative Preferred Stock, Series 5, (x) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ, and (y) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series KK Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series KK Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series KK Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) Rate. Holders of Series KK Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series KK Preferred Stock, and no more, payable quarterly in arrears on March 25, June 25, September 25 and December 25 of each year, beginning on September 25, 2019; provided, however, that if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), in each case, without any additional dividends accruing or other payment adjustment and the relevant Dividend Period will not be adjusted. Dividends on each share of Series KK Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to 5.375%. The record date for payment of dividends on the Series KK Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series KK Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series KK Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series KK Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series KK Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series KK Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series KK Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series KK Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series KK Preferred Stock remain outstanding, no dividends shall be declared and paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series KK Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series KK Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series KK Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series KK Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series KK Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series KK Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series KK Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series KK Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series KK Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series KK Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series KK Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series KK Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series KK Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series KK Preferred Stock at the time outstanding, at any time on or after June 25, 2024 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series KK Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series KK Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series KK Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series KK Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series KK Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series KK Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series KK Preferred Stock at the time outstanding, the shares of Series KK Preferred Stock to be redeemed shall be selected *pro rata* from the holders of record of Series KK Preferred Stock in proportion to the number of Series KK Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series KK Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the "*Depository Company*") in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series KK Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series KK Preferred Stock or any other class or series of preferred stock that ranks on parity with Series KK Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in

an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series KK Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series KK Preferred Stock and any other class or series of preferred stock that ranks on parity with Series KK Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series KK Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series KK Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series KK Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series KK Preferred Stock and any other class or series of preferred stock that ranks on parity with Series KK Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series KK Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series KK Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series KK Preferred Stock and any other class or series of preferred stock that ranks on parity with Series KK Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series KK Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series KK Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series KK Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series KK Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series KK Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as

any shares of the Series KK Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series KK Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series KK Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series KK Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series KK Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series KK Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series KK Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series KK Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series KK Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series KK Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series KK Preferred Stock shall not have any rights of preemption or rights to convert such Series KK Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series KK Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series KK Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series KK Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series KK Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 25th day of June, 2019.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

Exhibit W

5.000% Non-Cumulative Preferred Stock, Series LL

**CERTIFICATE OF DESIGNATIONS OF
5.000% NON-CUMULATIVE PREFERRED STOCK, SERIES LL
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Amended and Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on September 10, 2019, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors duly adopted on June 27, 2019, the provisions of the Amended and Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “5.000% Non-Cumulative Preferred Stock, Series LL” (the “*Series LL Preferred Stock*”). Each share of Series LL Preferred Stock shall be identical in all respects to every other share of Series LL Preferred Stock. Series LL Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series LL Preferred Stock shall be 52,400. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series LL Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series LL Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series LL Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series LL Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series LL Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series LL Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series LL Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series LL Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” means March 17, June 17, September 17 and December 17 of each year, beginning on December 17, 2019.

“*Dividend Period*” means the period from, and including, the date of issuance of the Series LL Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series LL Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) Floating Rate Non-Cumulative Preferred Stock, Series E, (c) Floating Rate Non-Cumulative Preferred Stock, Series F, (d) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (e) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (f) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series V, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (j) 6.500% Non-Cumulative Preferred Stock, Series Y, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (m) 6.200% Non-Cumulative Preferred Stock, Series CC, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (o) 6.000% Non-Cumulative Preferred Stock, Series EE, (p) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (q) 6.000% Non-Cumulative Preferred Stock, Series GG, (r) 5.875% Non-Cumulative Preferred Stock, Series HH, (s) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ, (t) 5.375% Non-Cumulative Preferred Stock, Series KK, (u) Floating Rate Non-Cumulative Preferred Stock, Series 1, (v) Floating Rate Non-Cumulative Preferred Stock, Series 2, (w) Floating Rate Non-Cumulative Preferred Stock, Series 4, (x) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (y) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series LL Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series LL Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series LL Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) Rate. Holders of Series LL Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series LL Preferred Stock, and no more, payable quarterly in arrears on March 17, June 17, September 17 and December 17 of each year, beginning on December 17, 2019; provided, however, that if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), in each case, without any additional dividends accruing or other payment adjustment and the relevant Dividend Period will not be adjusted. Dividends on each share of Series LL Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to 5.000%. The record date for payment of dividends on the Series LL Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series LL Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series LL Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series LL Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any

subsequent Dividend Period with respect to Series LL Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series LL Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series LL Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series LL Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series LL Preferred Stock remain outstanding, no dividends shall be declared and paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series LL Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series LL Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series LL Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series LL Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series LL Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series LL Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series LL Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series LL Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series LL Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series LL Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series LL Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series LL Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series LL Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination

transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series LL Preferred Stock at the time outstanding, at any time on or after September 17, 2024 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series LL Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series LL Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series LL Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series LL Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series LL Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series LL Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series LL Preferred Stock at the time outstanding, the shares of Series LL Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series LL Preferred Stock in proportion to the number of Series LL Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series LL Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the "*Depository Company*") in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series LL Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series LL Preferred Stock or any other class or series of preferred stock that ranks on parity with Series LL Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series LL Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series LL Preferred Stock and any other class or series of preferred stock that ranks on parity with Series LL Preferred Stock as to payment of dividends having equivalent voting rights is a "*Preferred Director*."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series LL Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series LL Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series LL Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series LL Preferred Stock and any other class or series of preferred stock that ranks on parity with Series LL Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series LL Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series LL Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series LL Preferred Stock and any other class or series of preferred stock that ranks on parity with Series LL Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series LL Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series LL Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series LL Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series LL Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in

person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series LL Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series LL Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66 $\frac{2}{3}$ % of the shares of the Series LL Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series LL Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series LL Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series LL Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series LL Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series LL Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series LL Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series LL Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series LL Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series LL Preferred Stock shall not have any rights of preemption or rights to convert such Series LL Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series LL Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series LL Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series LL Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series LL Preferred Stock are not subject to the operation of a sinking fund.

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 17th day of September, 2019.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

**CERTIFICATE OF DESIGNATIONS OF
FIXED-TO-FLOATING RATE NON-CUMULATIVE PREFERRED STOCK, SERIES MM
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on January 21, 2020, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors duly adopted on June 27, 2019, the provisions of the Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series MM” (the “*Series MM Preferred Stock*”). Each share of Series MM Preferred Stock shall be identical in all respects to every other share of Series MM Preferred Stock. Series MM Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series MM Preferred Stock shall be 44,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series MM Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series MM Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series MM Preferred Stock:

“*Benchmark*” means, initially, Three-Month LIBOR; provided that if a Benchmark Transition Event and related Benchmark Replacement Date have occurred with respect to Three-Month LIBOR or the then-current Benchmark, then “*Benchmark*” means the applicable Benchmark Replacement.

“*Benchmark Replacement*” means the Interpolated Benchmark with respect to the then-current Benchmark (if applicable), plus the Benchmark Replacement Adjustment for such Benchmark (if applicable); provided that if the Calculation Agent (after consultation with the Corporation) cannot determine the Interpolated Benchmark as of the Benchmark Replacement Date, then “*Benchmark Replacement*” means the first alternative set forth in the order below that can be determined by the Corporation or the Corporation’s designee (after consultation with the Corporation) as of the Benchmark Replacement Date:

- (1) the sum of: (a) Term SOFR and (b) the Benchmark Replacement Adjustment;
- (2) the sum of: (a) Compounded SOFR and (b) the Benchmark Replacement Adjustment;

- (3) the sum of: (a) the alternate rate that has been selected or recommended by the Relevant Governmental Body as the replacement for the then-current Benchmark for the applicable Corresponding Tenor (if any) and (b) the Benchmark Replacement Adjustment;
- (4) the sum of: (a) the ISDA Fallback Rate and (b) the Benchmark Replacement Adjustment;
- (5) the sum of: (a) the alternate rate that has been selected by the Corporation or the Corporation's designee (after consultation with the Corporation) as the replacement for the then-current Benchmark for the applicable Corresponding Tenor giving due consideration to any industry-accepted rate as a replacement for the then-current Benchmark for U.S. dollar-denominated floating rate securities at such time and (b) the Benchmark Replacement Adjustment.

"Benchmark Replacement Adjustment" means the first alternative set forth in the order below that can be determined by the Corporation or the Corporation's designee (after consultation with the Corporation) as of the Benchmark Replacement Date:

- (1) the spread adjustment (which may be a positive or negative value or zero) that has been selected or recommended by the Relevant Governmental Body or determined by the Corporation or the Corporation's designee (after consultation with the Corporation) in accordance with the method for calculating or determining such spread adjustment that has been selected or recommended by the Relevant Governmental Body, in each case for the applicable Unadjusted Benchmark Replacement;
- (2) if the applicable Unadjusted Benchmark Replacement is equivalent to the ISDA Fallback Rate, then the ISDA Fallback Adjustment;
- (3) the spread adjustment (which may be a positive or negative value or zero) that has been selected by the Corporation or the Corporation's designee (after consultation with the Corporation) giving due consideration to any industry-accepted spread adjustment, or method for calculating or determining such spread adjustment, for the replacement of the then-current Benchmark with the applicable Unadjusted Benchmark Replacement for U.S. dollar-denominated floating rate securities at such time.

"Benchmark Replacement Conforming Changes" means, with respect to any Benchmark Replacement, changes to (1) any Dividend Determination Date, Dividend Payment Date or Dividend Period, (2) the manner, timing and frequency of determining rates and amounts of dividends that are payable on the Series MM Preferred Stock and the conventions relating to such determination, (3) the timing of making dividend payments, (4) rounding conventions, (5) tenors and (6) any other terms or provisions of the Series MM Preferred Stock, in each case that the Corporation or the Corporation's designee (after consultation with the Corporation) determines, from time to time, to be appropriate to reflect the determination and implementation of such Benchmark Replacement in a manner substantially consistent with market practice (or, if the Corporation, the Calculation Agent or the Corporation's designee (after consultation with the Corporation) decides that implementation of any portion of such market practice is not administratively feasible or if the Corporation or the Corporation's designee (after consultation with the Corporation) determines that no market practice for use of the Benchmark Replacement exists, in such other manner as the Corporation or the Corporation's designee (after consultation with the Corporation) determines is appropriate).

"Benchmark Replacement Date" means the earliest to occur of the following events with respect to the then-current Benchmark:

- (1) in the case of clause (1) or (2) of the definition of "Benchmark Transition Event," the later of (a) the date of the public statement or publication of information referenced therein and (b) the date on which the administrator of the Benchmark permanently or indefinitely ceases to provide the Benchmark; or
- (2) in the case of clause (3) of the definition of "Benchmark Transition Event," the date of the public statement or publication of information referenced therein.

For the avoidance of doubt, if the event giving rise to the Benchmark Replacement Date occurs on the same day as, but earlier than, the Reference Time in respect of any determination, the Benchmark Replacement Date will be deemed to have occurred prior to the Reference Time for such determination.

“*Benchmark Transition Event*” means the occurrence of one or more of the following events with respect to the then-current Benchmark:

- (1) a public statement or publication of information by or on behalf of the administrator of the Benchmark announcing that such administrator has ceased or will cease to provide the Benchmark, permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark;
- (2) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark, the central bank for the currency of the Benchmark, an insolvency official with jurisdiction over the administrator for the Benchmark, a resolution authority with jurisdiction over the administrator for the Benchmark or a court or an entity with similar insolvency or resolution authority over the administrator for the Benchmark, which states that the administrator of the Benchmark has ceased or will cease to provide the Benchmark permanently or indefinitely, provided that, at the time of such statement or publication, there is no successor administrator that will continue to provide the Benchmark; or
- (3) a public statement or publication of information by the regulatory supervisor for the administrator of the Benchmark announcing that the Benchmark is no longer representative.

“*Business Day*” means, for the Fixed Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina; and, for the Floating Rate Period, each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina and is a London Banking Day, subject to change in accordance with Section 4(a) hereof in the event a Benchmark Transition Event and Benchmark Replacement Date have occurred.

“*Calculation Agent*” shall mean The Bank of New York Mellon Trust Company, N.A., or such other bank or entity (which may be an affiliate of the Corporation) as may be appointed by the Corporation to act as calculation agent for the Series MM Preferred Stock during the Floating Rate Period.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series MM Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series MM Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series MM Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series MM Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series MM Preferred Stock is outstanding.

“*Compounded SOFR*” means the compounded average of SOFRs for the applicable Corresponding Tenor, with the rate, or methodology for this rate, and conventions for this rate being established by the Corporation or the Corporation’s designee (after consultation with the Corporation) in accordance with:

- (1) the rate, or methodology for this rate, and conventions for this rate selected or recommended by the Relevant Governmental Body for determining Compounded SOFR; provided that:
- (2) if, and to the extent that, the Corporation or the Corporation’s designee (after consultation with the Corporation) determines that Compounded SOFR cannot be determined in accordance with clause (1) above, then the rate, or methodology for this rate, and conventions for this rate that have been selected by the Corporation or the Corporation’s designee (after consultation with the Corporation) giving due consideration to any industry-accepted market practice for U.S. dollar-denominated floating rate securities at such time.

“*Corresponding Tenor*” with respect to a Benchmark Replacement means a tenor (including overnight) having approximately the same length (disregarding business day adjustment) as the applicable tenor for the then-current Benchmark.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Determination Date*” shall have the meaning set forth below in the definition of Three-Month LIBOR in Section 4(a) hereof.

“*Dividend Payment Date*” means, for the Fixed Rate Period, January 28 and July 28 of each year, and for the Floating Rate Period, January 28, April 28, July 28, and October 28 of each year, subject to adjustment for non-Business Days as described in Section 4(a) hereof.

“*Dividend Period*” means the period from, and including, the date of issuance of the Series MM Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date, subject to adjustment as described in Section 4(a) hereof.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Federal Reserve Bank of New York’s Website*” means the website of the Federal Reserve Bank of New York at <http://www.newyorkfed.org>, or any successor source.

“*Fixed Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Floating Rate Period*” shall have the meaning set forth in Section 4(a) hereof.

“*Interpolated Benchmark*” with respect to the Benchmark (if applicable) means the rate determined for the Corresponding Tenor by interpolating on a linear basis between: (1) the Benchmark for the longest period (for which the Benchmark is available) that is shorter than the Corresponding Tenor and (2) the Benchmark for the shortest period (for which the Benchmark is available) that is longer than the Corresponding Tenor. “Benchmark” as used in clause (1) and (2) of the foregoing definition means the then-current Benchmark for the applicable periods specified in such clauses without giving effect to the applicable index maturity (if any).

“*ISDA Definitions*” means the 2006 ISDA Definitions published by the International Swaps and Derivatives Association, Inc. or any successor thereto, as amended or supplemented from time to time, or any successor definitional booklet for interest rate derivatives published from time to time.

“*ISDA Fallback Adjustment*” means the spread adjustment (which may be a positive or negative value or zero) that would apply for derivatives transactions referencing the ISDA Definitions to be determined upon the occurrence of an index cessation event with respect to the Benchmark for the applicable tenor.

“*ISDA Fallback Rate*” means the rate that would apply for derivatives transactions referencing the ISDA Definitions to be effective upon the occurrence of an index cessation date with respect to the Benchmark for the applicable tenor excluding the applicable ISDA Fallback Adjustment.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series MM Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*London Banking Day*” means any day on which commercial banks are open for general business (including dealings in deposits in U.S. dollars) in London, England.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) Floating Rate Non-Cumulative Preferred Stock, Series E, (c) Floating Rate Non-Cumulative Preferred Stock, Series F, (d) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (e) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (f) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (i) 6.500% Non-Cumulative Preferred Stock, Series Y, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (l) 6.200% Non-Cumulative Preferred Stock, Series CC, (m) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (n) 6.000% Non-Cumulative Preferred Stock, Series EE, (o) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (p) 6.000% Non-Cumulative Preferred Stock, Series GG, (q) 5.875% Non-Cumulative Preferred Stock, Series HH, (r) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ, (s) 5.375% Non-Cumulative Preferred Stock, Series KK, (t) 5.000% Non-Cumulative Preferred Stock, Series LL, (u) Floating Rate Non-Cumulative Preferred Stock, Series I, (v) Floating Rate Non-Cumulative Preferred Stock, Series 2, (w) Floating Rate Non-Cumulative Preferred Stock, Series 4, (x) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (y) any other class or series of stock of the

Corporation hereafter authorized that ranks on a par with the Series MM Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Reference Time*” with respect to any determination of the Benchmark means (1) if the Benchmark is Three-Month LIBOR, 11:00 a.m. (London time) on the relevant Dividend Determination Date, and (2) if the Benchmark is not Three-Month LIBOR, the time determined by the Corporation or the Corporation’s designee (after consultation with the Corporation) in accordance with the Benchmark Replacement Conforming Changes.

“*Relevant Governmental Body*” means the Federal Reserve and/or the Federal Reserve Bank of New York, or a committee officially endorsed or convened by the Federal Reserve and/or the Federal Reserve Bank of New York or any successor thereto.

“*Reuters Screen Page “LIBOR01”*” means the display on the Thomson Reuters Eikon service, or any successor or replacement service, on page LIBOR01, for the purpose of displaying London interbank offered rates of major banks for U.S. dollar deposits, or any successor or replacement page or pages on that service.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series MM Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series MM Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

“*SOFR*” with respect to any day means the secured overnight financing rate published for such day by the Federal Reserve Bank of New York, as the administrator of the benchmark, (or a successor administrator) on the Federal Reserve Bank of New York’s Website, or any successor source.

“*Term SOFR*” means the forward-looking term rate for the applicable Corresponding Tenor based on SOFR that has been selected or recommended by the Relevant Governmental Body.

“*Three-Month LIBOR*” shall have the meaning set forth in Section 4(a) hereof.

“*Unadjusted Benchmark Replacement*” means the Benchmark Replacement excluding the Benchmark Replacement Adjustment.

Section 4. Dividends.

(a) **Rate.** Holders of Series MM Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series MM Preferred Stock, and no more, payable (x) for the Fixed Rate Period (as defined below), semi-annually in arrears on January 28 and July 28 of each year, beginning on July 28, 2020; provided, however, that if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), in each case, without any additional dividends accruing or other payment adjustment and the relevant Dividend Period will not be adjusted; and (y) for the Floating Rate Period (as defined below), quarterly in arrears on January 28, April 28, July 28 and October 28 of each year, beginning on April 28, 2025; provided, however, that if any such day is not a Business Day, then the next succeeding day that is a Business Day will be the Dividend Payment Date for the relevant Dividend Period (unless that day falls in the next calendar month, in which case the immediately preceding Business Day will be the Dividend Payment Date for the relevant Dividend Period), in each case, with dividends accruing to, but excluding, the actual payment date, and the relevant Dividend Period will be adjusted accordingly. Dividends on each share of Series MM Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to (1) 4.300%, for each Dividend Period from, and including, the issue date to, but excluding, January 28, 2025 (the “*Fixed Rate Period*”), and (2) thereafter, Three-Month LIBOR (as defined below) (which rate is subject to replacement as described below) plus a spread of 2.664%, for each Dividend Period from, and including, January 28, 2025 (the “*Floating Rate Period*”). If a Benchmark Transition Event and related Benchmark Replacement Date occur with respect to Three-Month LIBOR, then dividends on the Series MM Preferred Stock during the Floating Rate Period thereafter will be determined not by reference to Three-Month LIBOR but instead by reference to the Benchmark Replacement, and, in connection with the implementation of the applicable Benchmark Replacement, the Corporation or the Corporation’s designee (after consultation with the Corporation) may from time to time, on or after the Benchmark Replacement Date, make Benchmark Replacement Conforming Changes, and any such Benchmark

Replacement Conforming Changes will be deemed incorporated herein by reference and supersede and supplement the provisions of this Section 4(a) to the extent applicable.

“*Three-Month LIBOR*” means, with respect to any Dividend Period in the Floating Rate Period, the London interbank offered rate for deposits in U.S. dollars for a three-month period commencing on the first day of that Dividend Period that appears on Reuters Screen Page “LIBOR01” at approximately 11:00 a.m. (London time) on the second London Banking Day immediately preceding the first day of that Dividend Period (the “*Dividend Determination Date*”). If no such offered rate appears on Reuters Screen Page “LIBOR01” on the relevant Dividend Determination Date at approximately 11:00 a.m., London time, then the Corporation will select and identify to the Calculation Agent four major banks in the London interbank market, and the Calculation Agent will request each such bank to provide a quotation of the rate at which three-month deposits in U.S. dollars in amounts of at least \$1,000,000 commencing on the first day of the Dividend Period relating to such Dividend Determination Date are offered by it to prime banks in the London interbank market, at approximately 11:00 a.m. London time, on that Dividend Determination Date. If at least two quotations are provided, the Calculation Agent will determine Three-Month LIBOR as the arithmetic average (rounded upward if necessary to the nearest .00001%) of the quotations provided. If fewer than two quotations are provided, the Corporation will select and identify to the Calculation Agent three major banks in New York City, and the Calculation Agent will request each of such banks to provide a quotation of the rate offered by it at approximately 11:00 a.m., New York City time, on the Dividend Determination Date for loans in U.S. dollars to leading European banks for a three-month period for the applicable Dividend Period in an amount of at least \$1,000,000 commencing on the first day of the Dividend Period relating to such Dividend Determination Date. If three quotations are provided, the Calculation Agent will determine Three-Month LIBOR as the arithmetic average of the quotations provided. Otherwise, Three-Month LIBOR for the applicable Dividend Period will be equal to Three-Month LIBOR in effect for the then-current Dividend Period or, in the case of the first Dividend Period during the Floating Rate Period, the most recent rate that could have been determined in accordance with the first sentence of this paragraph had the dividend rate been a floating rate during the Fixed Rate Period.

Notwithstanding the foregoing paragraph, if the Corporation or the Corporation’s designee (after consultation with the Corporation) determines on or prior to the relevant Reference Time that a Benchmark Transition Event and related Benchmark Replacement Date have occurred with respect to Three-Month LIBOR or the then-current Benchmark for the Series MM Preferred Stock, the applicable Benchmark Replacement will replace the then-current Benchmark for the Series MM Preferred Stock for all purposes relating to the Series MM Preferred Stock during the Floating Rate Period in respect of all determinations on such date and for all determinations on all subsequent dates. In connection with the implementation of a Benchmark Replacement, the Corporation or the Corporation’s designee (after consultation with the Corporation) may make Benchmark Replacement Conforming Changes from time to time. Any determination, decision or election that may be made by the Corporation or the Corporation’s designee (which may be an affiliate of the Corporation) pursuant to this paragraph (including Benchmark Replacement Conforming Changes) and definitions related thereto, and any decision to take or refrain from taking any action or any selection (i) will be conclusive and binding absent manifest error; (ii) if made by the Corporation, will be made in the sole discretion of the Corporation; (iii) if made by the Corporation’s designee, will be made after consultation with the Corporation, and the Corporation’s designee will not make any such determination, decision or election to which the Corporation objects; and (iv) shall be deemed incorporated herein by reference and be part of the terms of the Series MM Preferred Stock without consent from the holders of the Series MM Preferred Stock or any other party. The Corporation may designate an entity (which may be a calculation agent and/or the Corporation’s affiliate) to make any determination, decision or election that the Corporation has the right to make in connection with the foregoing paragraphs. For so long as any share of the Series MM Preferred Stock is outstanding, the Corporation will maintain a record of any Benchmark Replacement and Benchmark Replacement Conforming Changes, and will provide a copy of such record to holders of the Series MM Preferred Stock upon written request to the Corporation.

The record date for payment of dividends on the Series MM Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 days nor less than 10 days prior to such Dividend Payment Date. For the Fixed Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. For the Floating Rate Period, the amount of dividends payable shall be computed on the basis of a 360-day year and the actual number of days elapsed in a Dividend Period. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward. The Calculation Agent’s establishment of Three-Month LIBOR or the dividend rate determined based on the Benchmark Replacement, as applicable, and calculation of the amount of dividends for each Dividend Period in the Floating Rate Period will be on file at the principal offices of the Corporation, will be made available to any holder of Series MM Preferred Stock upon written request and will be final and binding in the absence of manifest error.

(b) **Non-Cumulative Dividends.** Dividends on shares of Series MM Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series MM Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series MM Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series MM Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) **Priority of Dividends.** So long as any share of Series MM Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or *apro rata* portion, of the Series MM Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series MM Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series MM Preferred Stock remain outstanding, no dividends shall be declared and paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series MM Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series MM Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series MM Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series MM Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series MM Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series MM Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) **Liquidation.** In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series MM Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series MM Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series MM Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) **Partial Payment.** If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series MM Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series MM Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series MM Preferred Stock and all such Parity Stock.

(c) **Residual Distributions.** If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series MM Preferred Stock and all holders of any Parity Stock, the

holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) **Merger, Consolidation and Sale of Assets Not Liquidation.** For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) **Optional Redemption.** The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series MM Preferred Stock at the time outstanding, at any time on or after January 28, 2025 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series MM Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a dividend period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) **Notice of Redemption.** Notice of every redemption of shares of Series MM Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series MM Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series MM Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series MM Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series MM Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) **Partial Redemption.** In case of any redemption of only part of the shares of Series MM Preferred Stock at the time outstanding, the shares of Series MM Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series MM Preferred Stock in proportion to the number of Series MM Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series MM Preferred Stock shall be redeemed from time to time.

(d) **Effectiveness of Redemption.** If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to

the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) **General.** The holders of Series MM Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) **Special Voting Right.**

(i) **Voting Right.** If and whenever dividends on the Series MM Preferred Stock or any other class or series of preferred stock that ranks on parity with Series MM Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least three or more semi-annual or six or more quarterly Dividend Periods (whether consecutive or not), as applicable, the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series MM Preferred Stock (together with holders of any class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series MM Preferred Stock and any other class or series of preferred stock that ranks on parity with Series MM Preferred Stock as to payment of dividends having equivalent voting rights is a "*Preferred Director*."

(ii) **Election.** The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series MM Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series MM Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series MM Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series MM Preferred Stock and any other class or series of preferred stock that ranks on parity with Series MM Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) **Notice of Special Meeting.** Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series MM Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series MM Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) **Termination; Removal.** Whenever full dividends have been paid regularly on the Series MM Preferred Stock and any other class or series of preferred stock that ranks on parity with Series MM Preferred Stock as to payment of dividends, if any, for the equivalent of at least two semi-annual or four quarterly Dividend Periods, as applicable, then the right of the holders of Series MM Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series MM Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) **Other Voting Rights.** So long as any shares of the Series MM Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series MM Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series MM Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series MM Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series MM Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series MM Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series MM Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series MM Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series MM Preferred Stock, shall not be deemed to adversely affect the powers, preferences or special rights of the Series MM Preferred Stock.

(d) **No Vote if Shares Redeemed.** No vote or consent of the holders of the Series MM Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series MM Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) **Procedures for Voting and Consents.** Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series MM Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series MM Preferred Stock shall not have any rights of preemption or rights to convert such Series MM Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series MM Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series MM Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series MM Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series MM Preferred Stock are not subject to the operation of a sinking fund.
[Signature Page Follows]

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 2nd day of January, 2020.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

**CERTIFICATE OF DESIGNATIONS OF
4.375% NON-CUMULATIVE PREFERRED STOCK, SERIES NN
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the "*Corporation*"), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the "*Board of Directors*") by the provisions of the Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the "*Committee*") in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the "*General Corporation Law*"), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on October 27, 2020, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors duly adopted on June 23, 2020, the provisions of the Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be "4.375% Non-Cumulative Preferred Stock, Series NN" (the "*Series NN Preferred Stock*"). Each share of Series NN Preferred Stock shall be identical in all respects to every other share of Series NN Preferred Stock. Series NN Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series NN Preferred Stock shall be 44,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series NN Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series NN Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series NN Preferred Stock:

"*Business Day*" means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

"*Capital Treatment Event*" means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series NN Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series NN Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series NN Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series NN Preferred Stock then outstanding as "additional Tier 1 capital" (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series NN Preferred Stock is outstanding.

"*Depository Company*" shall have the meaning set forth in Section 6(d) hereof.

"*Dividend Payment Date*" means February 3, May 3, August 3 and November 3 of each year, beginning on February 3, 2021.

"*Dividend Period*" means the period from, and including, the date of issuance of the Series NN Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date.

"*DTC*" means The Depository Trust Company, together with its successors and assigns.

"*Junior Stock*" means the Corporation's common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series NN Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

"*Parity Stock*" means the Corporation's (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) Floating Rate Non-Cumulative Preferred Stock, Series E, (c) Floating Rate Non-Cumulative Preferred Stock, Series F, (d) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (e) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (f) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (k) 6.200% Non-Cumulative Preferred Stock, Series CC, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (m) 6.000% Non-Cumulative Preferred Stock, Series EE, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (o) 6.000% Non-Cumulative Preferred Stock, Series GG, (p) 5.875% Non-Cumulative Preferred Stock, Series HH, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ, (r) 5.375% Non-Cumulative Preferred Stock, Series KK, (s) 5.000% Non-Cumulative Preferred Stock, Series LL, (t) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series MM, (u) Floating Rate Non-Cumulative Preferred Stock, Series 1, (v) Floating Rate Non-Cumulative Preferred Stock, Series 2, (w) Floating Rate Non-Cumulative Preferred Stock, Series 4, (x) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (y) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series NN Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

"*Senior Stock*" means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series NN Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

"*Series NN Preferred Stock*" shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) Rate. Holders of Series NN Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series NN Preferred Stock, and no more, payable quarterly in arrears on February 3, May 3, August 3 and November 3 of each year, beginning on February 3, 2021; provided, however, that if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), in each case, without any additional dividends accruing or other payment adjustment and the relevant Dividend Period will not be adjusted. Dividends on each share of Series NN Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to 4.375%. The record date for payment of dividends on the Series NN Preferred Stock shall be the fifteenth day of the calendar month preceding the month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 calendar days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series NN Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series NN Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series NN Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series NN Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series NN Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for

the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or a *pro rata* portion, of the Series NN Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series NN Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series NN Preferred Stock remain outstanding, no dividends shall be declared and paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series NN Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series NN Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series NN Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series NN Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series NN Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series NN Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series NN Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series NN Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series NN Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series NN Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series NN Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series NN Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series NN Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series NN Preferred Stock at the time outstanding, at any time on or after November 3, 2025 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series NN Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence

shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a Dividend Period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series NN Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series NN Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series NN Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series NN Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series NN Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series NN Preferred Stock at the time outstanding, the shares of Series NN Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series NN Preferred Stock in proportion to the number of Series NN Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series NN Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series NN Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series NN Preferred Stock or any other class or series of preferred stock that ranks on parity with Series NN Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series NN Preferred Stock (together with holders of any class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to

series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation's securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series NN Preferred Stock and any other class or series of preferred stock that ranks on parity with Series NN Preferred Stock as to payment of dividends having equivalent voting rights is a "Preferred Director."

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series NN Preferred Stock and any other class or series of the Corporation's stock that ranks on parity with Series NN Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series NN Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series NN Preferred Stock and any other class or series of preferred stock that ranks on parity with Series NN Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series NN Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series NN Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series NN Preferred Stock and any other class or series of preferred stock that ranks on parity with Series NN Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series NN Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series NN Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series NN Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series NN Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series NN Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series NN Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series NN Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series NN Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of

the Series NN Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series NN Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series NN Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series NN Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series NN Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series NN Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series NN Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series NN Preferred Stock shall not have any rights of preemption or rights to convert such Series NN Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series NN Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series NN Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Recquired Shares. Shares of Series NN Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series NN Preferred Stock are not subject to the operation of a sinking fund.
[Signature Page Follows]

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 29th day of October, 2020.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

**CERTIFICATE OF DESIGNATIONS OF
4.125% NON-CUMULATIVE PREFERRED STOCK, SERIES PP
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on January 21, 2021, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors duly adopted on June 23, 2020, the provisions of the Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “4.125% Non-Cumulative Preferred Stock, Series PP” (the “*Series PP Preferred Stock*”). Each share of Series PP Preferred Stock shall be identical in all respects to every other share of Series PP Preferred Stock. Series PP Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series PP Preferred Stock shall be 36,600. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series PP Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series PP Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series PP Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series PP Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series PP Preferred Stock; or (iii) official administrative

decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series PP Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series PP Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series PP Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” means February 2, May 2, August 2 and November 2 of each year, beginning on May 2, 2021.

“*Dividend Period*” means the period from, and including, the date of issuance of the Series PP Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series PP Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) Floating Rate Non-Cumulative Preferred Stock, Series E, (c) Floating Rate Non-Cumulative Preferred Stock, Series F, (d) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (e) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (f) 6% Non-Cumulative Perpetual Preferred Stock, Series T, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (k) 6.200% Non-Cumulative Preferred Stock, Series CC, (l) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (m) 6.000% Non-Cumulative Preferred Stock, Series EE, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (o) 6.000% Non-Cumulative Preferred Stock, Series GG, (p) 5.875% Non-Cumulative Preferred Stock, Series HH, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ, (r) 5.375% Non-Cumulative Preferred Stock, Series KK, (s) 5.000% Non-Cumulative Preferred Stock, Series LL, (t) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series MM, (u) 4.375% Non-Cumulative Preferred Stock, Series NN, (v) Floating Rate Non-Cumulative Preferred Stock, Series 1, (w) Floating Rate Non-Cumulative Preferred Stock, Series 2, (x) Floating Rate Non-Cumulative Preferred Stock, Series 4, (y) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (z) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series PP Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series PP Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series PP Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) **Rate.** Holders of Series PP Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series PP Preferred Stock, and no more, payable quarterly in arrears on February 2, May 2, August 2 and November 2 of each year, beginning on May 2, 2021; provided, however, that if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), in each case, without any additional dividends accruing or other payment adjustment and the relevant Dividend Period will not be adjusted. Dividends on each share of Series PP Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per*

annum equal to 4.125%. The record date for payment of dividends on the Series PP Preferred Stock shall be the fifteenth day of the calendar month preceding the month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 calendar days prior to such Dividend Payment Date. The amount of dividends payable shall be computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series PP Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series PP Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series PP Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series PP Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series PP Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or a *pro rata* portion, of the Series PP Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series PP Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series PP Preferred Stock remain outstanding, no dividends shall be declared and paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series PP Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series PP Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series PP Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series PP Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series PP Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series PP Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series PP Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the

assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series PP Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders of Series PP Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series PP Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series PP Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series PP Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series PP Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series PP Preferred Stock at the time outstanding, at any time on or after February 2, 2026 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series PP Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a Dividend Period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series PP Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series PP Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series PP Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series PP Preferred Stock to be redeemed and, if fewer than all the

shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series PP Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series PP Preferred Stock at the time outstanding, the shares of Series PP Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series PP Preferred Stock in proportion to the number of Series PP Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series PP Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depository Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depository Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series PP Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series PP Preferred Stock or any other class or series of preferred stock that ranks on parity with Series PP Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series PP Preferred Stock (together with holders of any class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation’s securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors.

Each such director elected by the holders of shares of Series PP Preferred Stock and any other class or series of preferred stock that ranks on parity with Series PP Preferred Stock as to payment of dividends having equivalent voting rights is a “*Preferred Director*.”

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series PP Preferred Stock and any other class or series of the Corporation’s stock that ranks on parity with Series PP Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series PP Preferred Stock (addressed to the secretary at the Corporation’s principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series PP Preferred Stock and any other class or series of preferred stock that ranks on parity with Series PP Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation’s By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series PP Preferred Stock may (at the Corporation’s expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation’s stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series PP Preferred Stock (together with holders of any other class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series PP Preferred Stock and any other class or series of preferred stock that ranks on parity with Series PP Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series PP Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series PP Preferred Stock (together with holders of any other class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series PP Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series PP Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series PP Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series PP Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least

66⅔% of the shares of the Series PP Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series PP Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series PP Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series PP Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series PP Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series PP Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series PP Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series PP Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series PP Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series PP Preferred Stock shall not have any rights of preemption or rights to convert such Series PP Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series PP Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series PP Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series PP Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series PP Preferred Stock are not subject to the operation of a sinking fund.
[Signature Page Follows]

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 28th day of January, 2021.

BANK OF AMERICA CORPORATION

By: /s/ Ross E. Jeffries, Jr.
Name: Ross E. Jeffries, Jr.
Title: Deputy General Counsel and Corporate Secretary

**CERTIFICATE OF DESIGNATIONS OF
4.250% NON-CUMULATIVE PREFERRED STOCK, SERIES QQ
OF
BANK OF AMERICA CORPORATION**

Bank of America Corporation, a corporation organized and existing under the laws of the State of Delaware (the “*Corporation*”), hereby certifies that, pursuant to authority conferred upon the Board of Directors of the Corporation (the “*Board of Directors*”) by the provisions of the Restated Certificate of Incorporation of the Corporation, which authorize the issuance of not more than 100,000,000 shares of preferred stock, par value \$0.01 per share, and pursuant to authority conferred upon the Preferred Stock Committee of the Board of Directors (the “*Committee*”) in accordance with Section 141(c) of the General Corporation Law of the State of Delaware (the “*General Corporation Law*”), the following resolutions were duly adopted by the Committee pursuant to the written consent of the Committee duly adopted on October 19, 2021, in accordance with Section 141(f) of the General Corporation Law:

Resolved, that, pursuant to the authority vested in the Committee and in accordance with the resolutions of the Board of Directors duly adopted on June 23, 2020, the provisions of the Restated Certificate of Incorporation, the By-laws of the Corporation, and applicable law, a series of Preferred Stock, par value \$0.01 per share, of the Corporation be, and hereby is, created, and that the designation and number of shares of such series, and the voting and other powers, designations, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series, are as follows:

Section 1. Designation.

The designation of the series of preferred stock shall be “4.250% Non-Cumulative Preferred Stock, Series QQ” (the “*Series QQ Preferred Stock*”). Each share of Series QQ Preferred Stock shall be identical in all respects to every other share of Series QQ Preferred Stock. Series QQ Preferred Stock will rank equally with Parity Stock, if any, will rank senior to Junior Stock and will rank junior to Senior Stock, if any, with respect to the payment of dividends and the distribution of assets in the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation.

Section 2. Number of Shares.

The number of authorized shares of Series QQ Preferred Stock shall be 52,000. That number from time to time may be increased (but not in excess of the total number of authorized shares of preferred stock) or decreased (but not below the number of shares of Series QQ Preferred Stock then outstanding) by further resolution duly adopted by the Board of Directors or any duly authorized committee of the Board of Directors and by the filing of a certificate pursuant to the provisions of the General Corporation Law stating that such increase or decrease, as the case may be, has been so authorized. The Corporation shall have the authority to issue fractional shares of Series QQ Preferred Stock.

Section 3. Definitions.

As used herein with respect to Series QQ Preferred Stock:

“*Business Day*” means each Monday, Tuesday, Wednesday, Thursday or Friday on which banking institutions are not authorized or obligated by law, regulation or executive order to close in New York, New York or in Charlotte, North Carolina.

“*Capital Treatment Event*” means the good faith determination by the Corporation that, as a result of any: (i) amendment to, clarification of, or change in, the laws or regulations of the United States or any political subdivision of or in the United States that is enacted or becomes effective after the initial issuance of any shares of the Series QQ Preferred Stock; (ii) proposed change in those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series QQ Preferred Stock; or (iii) official administrative decision or judicial decision or administrative action or other official pronouncement interpreting or applying those laws or regulations that is announced or becomes effective after the initial issuance of any shares of the Series QQ

Preferred Stock, there is more than an insubstantial risk that the Corporation shall not be entitled to treat an amount equal to the full liquidation preference of all shares of the Series QQ Preferred Stock then outstanding as “additional Tier 1 capital” (or its equivalent) for purposes of the capital adequacy guidelines or regulations of the Board of Governors of the Federal Reserve System or other appropriate federal banking agency, as then in effect and applicable, for as long as any share of the Series QQ Preferred Stock is outstanding.

“*Depository Company*” shall have the meaning set forth in Section 6(d) hereof.

“*Dividend Payment Date*” means February 17, May 17, August 17 and November 17 of each year, beginning on February 17, 2022.

“*Dividend Period*” means the period from, and including, the date of issuance of the Series QQ Preferred Stock or any Dividend Payment Date to, but excluding, the next Dividend Payment Date.

“*DTC*” means The Depository Trust Company, together with its successors and assigns.

“*Junior Stock*” means the Corporation’s common stock and any other class or series of stock of the Corporation now existing or hereafter authorized over which Series QQ Preferred Stock has preference or priority in the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Parity Stock*” means the Corporation’s (a) 7% Cumulative Redeemable Preferred Stock, Series B, (b) Floating Rate Non-Cumulative Preferred Stock, Series E, (c) Floating Rate Non-Cumulative Preferred Stock, Series F, (d) Adjustable Rate Non-Cumulative Preferred Stock, Series G, (e) 7.25% Non-Cumulative Perpetual Convertible Preferred Stock, Series L, (f) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series U, (g) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series X, (h) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series Z, (i) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series AA, (j) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series DD, (k) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series FF, (l) 6.000% Non-Cumulative Preferred Stock, Series GG, (m) 5.875% Non-Cumulative Preferred Stock, Series HH, (n) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series JJ, (o) 5.375% Non-Cumulative Preferred Stock, Series KK, (p) 5.000% Non-Cumulative Preferred Stock, Series LL, (q) Fixed-to-Floating Rate Non-Cumulative Preferred Stock, Series MM, (r) 4.375% Non-Cumulative Preferred Stock, Series NN, (s) 4.125% Non-Cumulative Preferred Stock, Series PP, (t) Floating Rate Non-Cumulative Preferred Stock, Series 1, (u) Floating Rate Non-Cumulative Preferred Stock, Series 2, (v) Floating Rate Non-Cumulative Preferred Stock, Series 4, (w) Floating Rate Non-Cumulative Preferred Stock, Series 5, and (x) any other class or series of stock of the Corporation hereafter authorized that ranks on a par with the Series QQ Preferred Stock in the payment of dividends and in the distribution of assets on any liquidation, dissolution or winding up of the Corporation.

“*Senior Stock*” means any class or series of stock of the Corporation now existing or hereafter authorized which has preference or priority over the Series QQ Preferred Stock as to the payment of dividends or in the distribution of assets on any voluntary or involuntary liquidation, dissolution or winding up of the Corporation.

“*Series QQ Preferred Stock*” shall have the meaning set forth in Section 1 hereof.

Section 4. Dividends.

(a) **Rate.** Holders of Series QQ Preferred Stock shall be entitled to receive, when, as and if declared by the Board of Directors or any duly authorized committee of the Board of Directors, but only out of funds legally available for the payment of dividends, non-cumulative cash dividends based on the liquidation preference of \$25,000 per share of Series QQ Preferred Stock, and no more, payable quarterly in arrears on February 17, May 17, August 17 and November 17 of each year, beginning on February 17, 2022; provided, however, that if any such day is not a Business Day, then payment of any dividend otherwise payable on that date will be made on the next succeeding day that is a Business Day (unless that day falls in the next calendar year, in which case payment of such dividend will occur on the immediately preceding Business Day), in each case, without any additional dividends accruing or other payment adjustment and the relevant Dividend Period will not be adjusted. Dividends on each share of Series QQ Preferred Stock will accrue on the liquidation preference of \$25,000 per share at a rate *per annum* equal to 4.250%. The record date for payment of dividends on the Series QQ Preferred Stock shall be the first day of the calendar month in which the Dividend Payment Date falls or such other record date fixed by the Board of Directors or a duly authorized committee of the Board of Directors that is not more than 60 calendar days prior to such Dividend Payment Date. The amount of dividends payable shall be

computed on the basis of a 360-day year of twelve 30-day months. Dollar amounts resulting from that calculation shall be rounded to the nearest cent, with one-half cent being rounded upward.

(b) Non-Cumulative Dividends. Dividends on shares of Series QQ Preferred Stock shall be non-cumulative. To the extent that any dividends on the shares of Series QQ Preferred Stock with respect to any Dividend Period are not declared and paid, in full or otherwise, on the Dividend Payment Date for such Dividend Period, then such unpaid dividends shall not cumulate and shall cease to accrue and be payable, and the Corporation shall have no obligation to pay, and the holders of Series QQ Preferred Stock shall have no right to receive, dividends accrued for such Dividend Period on or after the Dividend Payment Date for such Dividend Period or interest with respect to such dividends, whether or not dividends are declared for any subsequent Dividend Period with respect to Series QQ Preferred Stock, Parity Stock, Junior Stock or any other class or series of authorized preferred stock of the Corporation.

(c) Priority of Dividends. So long as any share of Series QQ Preferred Stock remains outstanding, (i) no dividend shall be declared and paid or set aside for payment and no distribution shall be declared or made or set aside for payment on any Junior Stock, other than a dividend payable solely in shares of Junior Stock, (ii) no shares of Junior Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation, directly or indirectly (other than as a result of a reclassification of Junior Stock for or into other Junior Stock, or the exchange or conversion of one share of Junior Stock for or into another share of Junior Stock, and other than through the use of the proceeds of a substantially contemporaneous sale of other shares of Junior Stock), nor shall any monies be paid to or made available for a sinking fund for the redemption of any such Junior Stock by the Corporation and (iii) no shares of Parity Stock shall be repurchased, redeemed or otherwise acquired for consideration by the Corporation otherwise than pursuant to *pro rata* offers to purchase all, or a *pro rata* portion, of the Series QQ Preferred Stock and such Parity Stock except by conversion into or exchange for Junior Stock, in each case, unless full dividends on all outstanding shares of Series QQ Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. The foregoing limitations do not apply to purchases or acquisitions of the Corporation's Junior Stock pursuant to any employee or director incentive or benefit plan or arrangement (including any employment, severance or consulting agreement) of the Corporation or any subsidiary of the Corporation heretofore or hereafter adopted. Subject to the succeeding sentence, for so long as any shares of Series QQ Preferred Stock remain outstanding, no dividends shall be declared and paid or set aside for payment on any Parity Stock for any period unless full dividends on all outstanding shares of Series QQ Preferred Stock for the immediately preceding Dividend Period have been paid in full or declared and a sum sufficient for the payment thereof set aside. To the extent the Corporation declares dividends on the Series QQ Preferred Stock and on any Parity Stock but cannot make full payment of such declared dividends, the Corporation will allocate the dividend payments on a *pro rata* basis among the holders of the shares of Series QQ Preferred Stock and the holders of any Parity Stock then outstanding. For purposes of calculating the *pro rata* allocation of partial dividend payments, the Corporation will allocate dividend payments based on the ratio between the then-current dividend payments due on the shares of Series QQ Preferred Stock and the aggregate of the current and accrued dividends due on the outstanding Parity Stock. No interest will be payable in respect of any dividend payment on shares of Series QQ Preferred Stock that may be in arrears. Subject to the foregoing, and not otherwise, such dividends (payable in cash, stock or otherwise) as may be determined by the Board of Directors or any duly authorized committee of the Board of Directors may be declared and paid on any Junior Stock from time to time out of any funds legally available therefor, and the shares of Series QQ Preferred Stock shall not be entitled to participate in any such dividend.

Section 5. Liquidation Rights.

(a) Liquidation. In the event of any voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation, holders of Series QQ Preferred Stock shall be entitled, out of assets legally available for distribution to stockholders of the Corporation, before any distribution or payment out of the assets of the Corporation may be made to or set aside for the holders of any Junior Stock and subject to the rights of the holders of any class or series of securities ranking senior to or on parity with Series QQ Preferred Stock upon liquidation and the rights of the Corporation's depositors and other creditors, to receive in full a liquidating distribution in the amount of the liquidation preference of \$25,000 per share, plus any dividends which have been declared but not yet paid, without accumulation of any undeclared dividends, to the date of liquidation. The holders

of Series QQ Preferred Stock shall not be entitled to any further payments in the event of any such voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Corporation other than what is expressly provided for in this Section 5.

(b) Partial Payment. If the assets of the Corporation are not sufficient to pay in full the liquidation preference plus any dividends which have been declared but not yet paid to all holders of Series QQ Preferred Stock and all holders of any Parity Stock, the amounts paid to the holders of Series QQ Preferred Stock and to the holders of all Parity Stock shall be *pro rata* in accordance with the respective aggregate liquidation preferences, plus any dividends which have been declared but not yet paid, of Series QQ Preferred Stock and all such Parity Stock.

(c) Residual Distributions. If the liquidation preference plus any dividends which have been declared but not yet paid has been paid in full to all holders of Series QQ Preferred Stock and all holders of any Parity Stock, the holders of Junior Stock shall be entitled to receive all remaining assets of the Corporation according to their respective rights and preferences.

(d) Merger, Consolidation and Sale of Assets Not Liquidation. For purposes of this Section 5, the sale, conveyance, exchange or transfer (for cash, shares of stock, securities or other consideration) of all or substantially all of the property and assets of the Corporation shall not be deemed a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, nor shall the merger, consolidation or any other business combination transaction of the Corporation into or with any other corporation or person or the merger, consolidation or any other business combination transaction of any other corporation or person into or with the Corporation be deemed to be a voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation.

Section 6. Redemption.

(a) Optional Redemption. The Corporation, at the option of its Board of Directors or any duly authorized committee of the Board of Directors, may redeem out of funds legally available therefor, (i) in whole or in part, the shares of Series QQ Preferred Stock at the time outstanding, at any time on or after November 17, 2026 or (ii) in whole but not in part, at any time within 90 days after a Capital Treatment Event, in each case upon notice given as provided in Section 6(b) below. The redemption price for shares of Series QQ Preferred Stock redeemed pursuant to (i) or (ii) of the preceding sentence shall be \$25,000 per share plus (except as otherwise provided below) dividends that have accrued but have not been paid for the then-current Dividend Period to but excluding the redemption date, without accumulation of any undeclared dividends. Any declared but unpaid dividends payable on a redemption date that occurs subsequent to the record date for a Dividend Period shall not be paid to the holder entitled to receive the redemption price on the redemption date, but rather shall be paid to the holder of record of the redeemed shares on such record date relating to the Dividend Payment Date as provided in Section 4 above.

(b) Notice of Redemption. Notice of every redemption of shares of Series QQ Preferred Stock shall be mailed by first class mail, postage prepaid, addressed to the holders of record of such shares to be redeemed at their respective last addresses appearing on the stock register of the Corporation. Such mailing shall be at least 30 calendar days and not more than 60 calendar days before the date fixed for redemption. Any notice mailed as provided in this Section 6(b) shall be conclusively presumed to have been duly given, whether or not the holder receives such notice, but failure duly to give such notice by mail, or any defect in such notice or in the mailing thereof, to any holder of shares of Series QQ Preferred Stock designated for redemption shall not affect the validity of the proceedings for the redemption of any other shares of Series QQ Preferred Stock. Each notice shall state (i) the redemption date; (ii) the number of shares of Series QQ Preferred Stock to be redeemed and, if fewer than all the shares held by such holder are to be redeemed, the number of such shares to be redeemed from such holder; (iii) the redemption price; (iv) the place or places where the certificates for such shares are to be surrendered for payment of the redemption price; and (v) that dividends on the shares to be redeemed will cease to accrue on the redemption date. Notwithstanding the foregoing, if the Series QQ Preferred Stock is held in book-entry form through DTC, the Corporation may give such notice in any manner permitted by DTC.

(c) Partial Redemption. In case of any redemption of only part of the shares of Series QQ Preferred Stock at the time outstanding, the shares of Series QQ Preferred Stock to be redeemed shall be selected either *pro rata* from the holders of record of Series QQ Preferred Stock in proportion to the number of Series QQ Preferred Stock held by such holders or by lot. Subject to the provisions of this Section 6, the Board of Directors or any duly authorized committee of the Board of Directors shall have full power and authority to prescribe the terms and conditions upon which shares of Series QQ Preferred Stock shall be redeemed from time to time.

(d) Effectiveness of Redemption. If notice of redemption has been duly given and if on or before the redemption date specified in the notice all funds necessary for the redemption have been set aside by the Corporation, separate and apart from its other funds, in trust for the *pro rata* benefit of the holders of the shares called for redemption, so as to be and continue to be available therefor, or deposited by the Corporation with a bank or trust company selected by the Board of Directors or any duly authorized committee of the Board of Directors (the “*Depositary Company*”) in trust for the *pro rata* benefit of the holders of the shares called for redemption, then, notwithstanding that any certificate for any share so called for redemption has not been surrendered for cancellation, on and after the redemption date all shares so called for redemption shall cease to be outstanding, all dividends with respect to such shares shall cease to accrue, and all rights with respect to such shares shall forthwith on such redemption date cease and terminate, except only the right of the holders thereof to receive the amount payable on such redemption from the Corporation or such bank or trust company at any time after the redemption date from the funds so set aside or deposited, without interest. The Corporation shall be entitled to receive, from time to time, from the Depositary Company any interest accrued on such funds, and the holders of any shares called for redemption shall have no claim to any such interest. Any funds so deposited and unclaimed at the end of three years from the redemption date shall, to the extent permitted by law, be released or repaid to the Corporation, and in the event of such repayment to the Corporation, the holders of record of the shares so called for redemption shall be deemed to be unsecured creditors of the Corporation for an amount equivalent to the amount set aside or deposited as stated above for the redemption of such shares and so repaid to the Corporation, but shall in no event be entitled to any interest.

Section 7. Voting Rights.

(a) General. The holders of Series QQ Preferred Stock shall not be entitled to vote on any matter except as set forth in paragraphs 7(b) and 7(c) below or as required by law.

(b) Special Voting Right.

(i) Voting Right. If and whenever dividends on the Series QQ Preferred Stock or any other class or series of preferred stock that ranks on parity with Series QQ Preferred Stock as to payment of dividends, and upon which voting rights equivalent to those granted by this Section 7(b)(i) have been conferred and are exercisable, have not been paid in an aggregate amount equal to, as to any class or series, the equivalent of at least six or more quarterly Dividend Periods (whether consecutive or not), the number of directors constituting the Board of Directors shall be increased by two, and the holders of the Series QQ Preferred Stock (together with holders of any class of the Corporation’s authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist), shall have the right, voting separately as a single class without regard to series, to the exclusion of the holders of common stock, to elect two directors of the Corporation to fill such newly created directorships (and to fill any vacancies in the terms of such directorships), provided that the election of such directors must not cause the Corporation to violate the corporate governance requirements of the New York Stock Exchange (or other exchange on which the Corporation’s securities may be listed) that listed companies must have a majority of independent directors and further provided that the Board of Directors shall at no time include more than two such directors. Each such director elected by the holders of shares of Series QQ Preferred Stock and any other class or series of preferred stock that ranks on parity with Series QQ Preferred Stock as to payment of dividends having equivalent voting rights is a “*Preferred Director*.”

(ii) Election. The election of the Preferred Directors will take place at any annual meeting of stockholders or any special meeting of the holders of Series QQ Preferred Stock and any other class or series of the Corporation’s stock that ranks on parity with Series QQ Preferred Stock as to payment of dividends and

having equivalent voting rights and for which dividends have not been paid, called as provided herein. At any time after the special voting power has vested pursuant to Section 7(b)(i) above, the secretary of the Corporation may, and upon the written request of any holder of Series QQ Preferred Stock (addressed to the secretary at the Corporation's principal office) must (unless such request is received less than 90 days before the date fixed for the next annual or special meeting of the stockholders, in which event such election shall be held at such next annual or special meeting of stockholders), call a special meeting of the holders of Series QQ Preferred Stock and any other class or series of preferred stock that ranks on parity with Series QQ Preferred Stock as to payment of dividends and having equivalent voting rights and for which dividends have not been paid for the election of the two directors to be elected by them as provided in Section 7(b)(iii) below. The Preferred Directors shall each be entitled to one vote per director on any matter.

(iii) Notice of Special Meeting. Notice for a special meeting to elect the Preferred Directors will be given in a similar manner to that provided in the Corporation's By-laws for a special meeting of the stockholders. If the secretary of the Corporation does not call a special meeting within 20 days after receipt of any such request, then any holder of Series QQ Preferred Stock may (at the Corporation's expense) call such meeting, upon notice as provided in this Section 7(b)(iii), and for that purpose will have access to the stock register of the Corporation. The Preferred Directors elected at any such special meeting will hold office until the next annual meeting of the Corporation's stockholders unless they have been previously terminated or removed pursuant to Section 7(b)(iv). In case any vacancy in the office of a Preferred Director occurs (other than prior to the initial election of the Preferred Directors), the vacancy may be filled by the written consent of the Preferred Director remaining in office, or if none remains in office, by the vote of the holders of the Series QQ Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) to serve until the next annual meeting of the stockholders.

(iv) Termination; Removal. Whenever full dividends have been paid regularly on the Series QQ Preferred Stock and any other class or series of preferred stock that ranks on parity with Series QQ Preferred Stock as to payment of dividends, if any, for the equivalent of at least four quarterly Dividend Periods, then the right of the holders of Series QQ Preferred Stock to elect the Preferred Directors will cease (but subject always to the same provisions for the vesting of the special voting rights in the case of any similar non-payment of dividends in respect of future Dividend Periods). The terms of office of the Preferred Directors will immediately terminate, and the number of directors constituting the Board of Directors will be reduced accordingly. Any Preferred Director may be removed at any time without cause by the holders of record of a majority of the outstanding shares of the Series QQ Preferred Stock (together with holders of any other class of the Corporation's authorized preferred stock having equivalent voting rights, whether or not the holders of such preferred stock would be entitled to vote for the election of directors if such default in dividends did not exist) when they have the voting rights described in this Section 7(b).

(c) Other Voting Rights. So long as any shares of the Series QQ Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote or consent of the holders of at least 66⅔% of the voting power of the Series QQ Preferred Stock and the holders of any other Parity Stock entitled to vote thereon, voting together as a single class, given in person or by proxy, either in writing without a meeting or at any meeting called for the purpose, authorize, create or issue any capital stock ranking senior to the Series QQ Preferred Stock as to dividends or the distribution of assets upon liquidation, dissolution or winding up, or reclassify any authorized capital stock into any such shares of such capital stock or issue any obligation or security convertible into or evidencing the right to purchase any such shares of capital stock. Further, so long as any shares of the Series QQ Preferred Stock remain outstanding, the Corporation shall not, without the affirmative vote of the holders of at least 66⅔% of the shares of the Series QQ Preferred Stock, amend, alter or repeal any provision of this Certificate of Designations or the Certificate of Incorporation of the Corporation, including by merger, consolidation or otherwise, so as to adversely affect the powers, preferences or special rights of the Series QQ Preferred Stock.

Notwithstanding the foregoing, (i) any increase in the amount of authorized common stock or authorized preferred stock, or any increase or decrease in the number of shares of any series of preferred stock, or the authorization, creation and issuance of other classes or series of capital stock, in each case ranking on a parity with or junior to the shares of the Series QQ Preferred Stock as to dividends and distribution of assets upon liquidation, dissolution or winding up, shall not be deemed to adversely affect such powers, preferences or special

rights and (ii) a merger or consolidation of the Corporation with or into another entity in which the shares of the Series QQ Preferred Stock (A) remain outstanding or (B) are converted into or exchanged for preference securities of the surviving entity or any entity, directly or indirectly, controlling such surviving entity and such new preference securities have powers, preferences or special rights that are not materially less favorable than the Series QQ Preferred Stock shall not be deemed to adversely affect the powers, preferences or special rights of the Series QQ Preferred Stock.

(d) No Vote if Shares Redeemed. No vote or consent of the holders of the Series QQ Preferred Stock shall be required pursuant to Section 7(b) or 7(c) if, at or prior to the time when the act with respect to such vote or consent would otherwise be required shall be effected, the Corporation shall have redeemed or shall have called for redemption all outstanding shares of Series QQ Preferred Stock, with proper notice and sufficient funds having been set aside or deposited for such redemption, in each case pursuant to Section 6 above.

(e) Procedures for Voting and Consents. Other than as set forth in Section 7(b), the rules and procedures for calling and conducting any meeting of the holders of Series QQ Preferred Stock (including, without limitation, the fixing of a record date in connection therewith), the solicitation and use of proxies at such meeting, the obtaining of written consents and any other aspect or matter with regard to such a meeting or such consents shall be governed by any rules the Board of Directors or any duly authorized committee of the Board of Directors, in its discretion, may adopt from time to time, which rules and procedures shall conform to the requirements of the Certificate of Incorporation and By-laws of the Corporation and to applicable law.

Section 8. Preemption and Conversion. The holders of Series QQ Preferred Stock shall not have any rights of preemption or rights to convert such Series QQ Preferred Stock into shares of any other class of capital stock of the Corporation.

Section 9. Rank. Notwithstanding anything set forth in the Certificate of Incorporation or this Certificate of Designations to the contrary, the Board of Directors or any authorized committee of the Board of Directors, without the vote of the holders of the Series QQ Preferred Stock, may authorize and issue additional shares of Junior Stock or Parity Stock.

Section 10. Repurchase. Subject to the limitations imposed herein, the Corporation may purchase and sell Series QQ Preferred Stock from time to time to such extent, in such manner, and upon such terms as the Board of Directors or any duly authorized committee of the Board of Directors may determine; provided, however, that the Corporation shall not use any of its funds for any such purchase when there are reasonable grounds to believe that the Corporation is, or by such purchase would be, rendered insolvent.

Section 11. Unissued or Reacquired Shares. Shares of Series QQ Preferred Stock not issued or which have been issued and converted, redeemed or otherwise purchased or acquired by the Corporation shall be restored to the status of authorized but unissued shares of preferred stock without designation as to series.

Section 12. No Sinking Fund. Shares of Series QQ Preferred Stock are not subject to the operation of a sinking fund.
[Signature Page Follows]

IN WITNESS WHEREOF, Bank of America Corporation has caused this Certificate of Designations to be executed by its duly authorized officer on this 26th day of October, 2021.

BANK OF AMERICA CORPORATION

By:	<u>Ross E. Jeffries, Jr.</u>	/s/
Name:	E. Jeffries, Jr.	Ross
Title:	General Counsel and Corporate Secretary	Deputy

Subsidiary Issuers of Guaranteed Securities

The finance subsidiaries of Bank of America Corporation (“BAC”) identified in the table below, have issued (and, in the case of BofA Finance LLC (“BofA Finance”), from time to time may issue) the securities listed opposite each such subsidiary issuer in the table below. BAC has fully and unconditionally guaranteed (or effectively provided for the full and unconditional guarantee of) all such securities:

<u>Subsidiary Issuer</u>	<u>Guaranteed Securities</u>
BofA Finance, a consolidated finance subsidiary	Senior Debt Securities issued under the Registration Statements on Form S-3 of BAC and BofA Finance (Registration Nos. 333-234425 and 333-213265-01) under the Securities Act of 1933, as amended.†
BAC Capital Trust XIII, a 100% owned finance subsidiary	Floating Rate Preferred Hybrid Income Term Securities
BAC Capital Trust XIV, a 100% owned finance subsidiary	5.63% Fixed to Floating Rate Preferred Hybrid Income Term Securities
BAC Capital Trust XV, a 100% owned finance subsidiary	Floating Rate Capital Securities

† Includes securities that have been issued/outstanding and may no longer be subject to requirements of Regulation S-X Rules 3-10 and 13-01

**CERTIFICATION PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002
FOR THE CHIEF EXECUTIVE OFFICER**

I, Brian T. Moynihan, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Bank of America Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: October 29, 2021

/s/ Brian T. Moynihan
Brian T. Moynihan
Chief Executive Officer

**CERTIFICATION PURSUANT TO SECTION 302
OF THE SARBANES-OXLEY ACT OF 2002
FOR THE CHIEF FINANCIAL OFFICER**

I, Paul M. Donofrio, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Bank of America Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: October 29, 2021

/s/ Paul M. Donofrio
Paul M. Donofrio
Chief Financial Officer

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002**

I, Brian T. Moynihan, state and attest that:

1. I am the Chief Executive Officer of Bank of America Corporation (the registrant).
2. I hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:
 - the Quarterly Report on Form 10-Q of the registrant for the quarter ended September 30, 2021 (the periodic report) containing financial statements fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and
 - the information contained in the periodic report fairly presents, in all material respects, the financial condition and results of operations of the registrant.

Date: October 29, 2021

/s/ Brian T. Moynihan
Brian T. Moynihan
Chief Executive Officer

**CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002**

I, Paul M. Donofrio, state and attest that:

1. I am the Chief Financial Officer of Bank of America Corporation (the registrant).
2. I hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:
 - the Quarterly Report on Form 10-Q of the registrant for the quarter ended September 30, 2021 (the periodic report) containing financial statements fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m or 78o(d)); and
 - the information contained in the periodic report fairly presents, in all material respects, the financial condition and results of operations of the registrant.

Date: October 29, 2021

/s/ Paul M. Donofrio
Paul M. Donofrio
Chief Financial Officer