

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No. 4)\*

ACUSPHERE, INC.

(Name of Issuer)

COMMON STOCK

(Title of Class of Securities)

00511R870

(CUSIP Number)

December 31, 2007

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the Rule pursuant to which this Schedule is filed:

- Rule 13d - 1(b)
- Rule 13d - 1(c)
- Rule 13d - 1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes.)

(Continued on following page(s))

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00511R 87 0		

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

Bank of America Corporation  
56-0906609

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A  
GROUP (See Instructions)

(a)  (b)

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-----

3 SEC USE ONLY

-----

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

0

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

6 SHARED VOTING POWER

2,675,184\*

7 SOLE DISPOSITIVE  
POWER

0

8 SHARED DISPOSITIVE  
POWER

3,076,377\*

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
REPORTING PERSON

3,076,377\*

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW  
(9)

6.6%\*

12 TYPE OF REPORTING PERSON (See Instructions)

HC

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

NB Holdings Corporation  
56-1857749

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A  
GROUP (See Instructions)

(a) [ ]

(b) [ ]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5 SOLE VOTING POWER

0

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

6 SHARED VOTING POWER

2,522,301\*

7 SOLE DISPOSITIVE  
POWER

0

8 SHARED DISPOSITIVE  
POWER

2,906,477\*

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
REPORTING PERSON

2,906,477\*

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW  
(9)

6.3%\*

12 TYPE OF REPORTING PERSON (See Instructions)

CO

CUSIP No.  
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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

Bank of America, National Association  
94-1687665

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(See Instructions)  
(a) [ ]

(b) [ ]

3 SEC USE ONLY

-----  
4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

-----  
17,017

5 SOLE VOTING POWER  
NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

-----  
2,318,141\*

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE  
POWER 17,017

8 SHARED DISPOSITIVE  
POWER 2,554,534\*

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
REPORTING PERSON 2,571,551\*

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES (See Instructions)  
[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW  
(9) 5.5%\*

12 TYPE OF REPORTING PERSON (See Instructions)  
BK

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):  
Bank of America Ventures  
95-6016836

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(See Instructions)  
(a) [ ] (b) [ ]

3 SEC USE ONLY

-----  
4 CITIZENSHIP OR PLACE OF ORGANIZATION

California

-----  
1,375,975\*

-----  
5 SOLE VOTING POWER  
NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

-----  
0

-----  
6 SHARED VOTING POWER

-----  
7 SOLE DISPOSITIVE POWER 1,375,975\*

-----  
8 SHARED DISPOSITIVE POWER 0

-----  
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
REPORTING PERSON 1,375,975\*

-----  
10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES (See Instructions)

-----  
[ ]

-----  
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW  
(9)

-----  
3.0%

-----  
12 TYPE OF REPORTING PERSON (See Instructions)

-----  
CO

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

BancBoston Ventures, Inc.  
04-6013165

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(See Instructions)

(a) [ ]

(b) [ ]

-----  
3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Massachusetts

292,554

5 SOLE VOTING POWER

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

0

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE  
POWER 292,554

8 SHARED DISPOSITIVE  
POWER 0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
REPORTING PERSON

292,554

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.6%

12 TYPE OF REPORTING PERSON (See Instructions)

CO

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

Columbia Management Group, LLC  
94-1687665

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(See Instructions)

(a) [ ]

(b) [ ]

3 SEC USE ONLY

-----  
4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

-----  
0

5 SOLE VOTING POWER  
NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

-----  
649,307

6 SHARED VOTING POWER

-----  
7 SOLE DISPOSITIVE  
POWER 0

-----  
8 SHARED DISPOSITIVE  
POWER 885,700

-----  
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
REPORTING PERSON

885,700

-----  
10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

-----  
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

1.9%

-----  
12 TYPE OF REPORTING PERSON (See Instructions)

CO

-----  
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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

Columbia Management Advisors, LLC  
94-1687665

-----  
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(See Instructions)

(a) [ ]

(b) [ ]

-----  
3 SEC USE ONLY

Delaware

649,307

5 SOLE VOTING POWER  
NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

5 SOLE VOTING POWER

0

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE POWER 882,900

8 SHARED DISPOSITIVE POWER 2,800

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 885,700

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

1.9%

12 TYPE OF REPORTING PERSON (See Instructions)

IA

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

BankAmerica Investment Corporation  
36-3101574

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)  
(a) [ ]

(b) [ ]

3 SEC USE ONLY



4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

152,883

5 SOLE VOTING POWER  
NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY EACH  
REPORTING  
PERSON WITH

0

6 SHARED VOTING POWER

7 SOLE DISPOSITIVE POWER 152,883

8 SHARED DISPOSITIVE POWER 0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 152,883

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)

[ ]

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

0.3%

12 TYPE OF REPORTING PERSON (See Instructions)

CO

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1 NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
(ENTITIES ONLY):

Bank of America Capital Advisors LLC  
36-3009841

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) [ ]

(b) [ ]

3 SEC USE ONLY

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 4 CITIZENSHIP OR PLACE OF ORGANIZATION  
  
 Delaware  
 -----  
 -----  
 5 SOLE VOTING POWER 187,143  
 NUMBER OF  
 SHARES  
 BENEFICIALLY  
 OWNED BY EACH  
 REPORTING  
 PERSON WITH  
 -----  
 -----  
 6 SHARED VOTING POWER 0  
 -----  
 -----  
 7 SOLE DISPOSITIVE 187,143  
 POWER  
 -----  
 -----  
 8 SHARED DISPOSITIVE 0  
 POWER  
 -----  
 -----  
 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
 REPORTING PERSON 187,143  
 -----  
 -----  
 10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
 EXCLUDES CERTAIN SHARES (See Instructions)  
  
 [ ]  
 -----  
 -----  
 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW  
 (9) 0.4%  
 -----  
 -----  
 12 TYPE OF REPORTING PERSON (See Instructions)  
  
 IA  
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 1 NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS  
 (ENTITIES ONLY):  
  
 United States Trust Company, NA  
 13-3818954  
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 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
 (See Instructions)  
 (a) [ ] (b) [ ]  
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 3 SEC USE ONLY

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 4 CITIZENSHIP OR PLACE OF ORGANIZATION  
  
 United States  
 -----  
 -----  
 5 SOLE VOTING POWER 0  
 NUMBER OF  
 SHARES  
 BENEFICIALLY  
 OWNED BY EACH  
 REPORTING  
 PERSON WITH  
 -----  
 -----  
 6 SHARED VOTING POWER 0  
 -----  
 -----  
 7 SOLE DISPOSITIVE 164,800  
 POWER  
 -----  
 -----  
 8 SHARED DISPOSITIVE 0  
 POWER  
 -----  
 -----  
 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH  
 REPORTING PERSON  
 164,800  
 -----  
 -----  
 10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9)  
 EXCLUDES CERTAIN SHARES (See Instructions)  
  
 [ ]  
 -----  
 -----  
 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)  
  
 0.4%  
 -----  
 -----  
 12 TYPE OF REPORTING PERSON (See Instructions)  
  
 BK  
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Item 1(a). Name of Issuer:

Acusphere, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:

500 Arsenal Street  
 Watertown, Massachusetts 02472

Item 2(a). Name of Person Filing:

Bank of America Corporation  
 NB Holdings Corporation  
 Bank of America, National Association  
 BancBoston Ventures, Inc.  
 Banc of America Ventures  
 BankAmerica Investment Corporation  
 Columbia Management Group, LLC  
 Columbia Management Advisors, LLC  
 Bank of America Capital Advisors LLC  
 United States Trust Company, N.A.

Item 2(b). Address of Principal Business Office or, if None,  
 Residence:

The address for Bank of America Ventures and BankAmerica Investment Corporation is 950 Tower Lane, Suite 700, Foster City, CA 94404.

Each other Reporting Person has its or his principal business office at 100 North Tryon Street, Floor 25, Bank of America Corporate Center, Charlotte, NC 28255.

Item 2(c). Citizenship:

Bank of America Corporation	Delaware
NB Holdings Corporation	Delaware
Bank of America, National Association	United States
BancBoston Ventures, Inc.	Massachusetts
Banc of America Ventures	California
BankAmerica Investment Corporation	Delaware
Columbia Management Group, LLC	Delaware
Columbia Management Advisors, LLC	Delaware
Bank of America Capital Advisors LLC	Delaware
United States Trust Company, N.A.	United States

Item 2(d). Title of Class of Securities: Common Stock

Item 2(e). CUSIP Number: 00511R870

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:

- (a)  Broker or dealer registered under Section 15 of the Exchange Act.
- (b)  Bank as defined in Section 3(a)(6) of the Exchange Act.
- (c)  Insurance company as defined in Section 3(a)(19) of the Exchange Act.
- (d)  Investment company registered under Section 8 of the Investment Company Act.
- (e)  An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).
- (f)  An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).
- (g)  A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
- (h)  A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i)  A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
- (j)  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

If this statement is filed pursuant to Rule 13d-1(c), check this box.

Item 4. Ownership:

With respect to the beneficial ownership of the reporting person, see Items 5 through 11 of the cover pages to this Schedule 13G, which are incorporated herein by reference.

Item 5. Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Item 6. Ownership of More than Five Percent on Behalf of Another Person:

Not applicable.

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company:

Not applicable.

Item 8. Identification and Classification of Members of the Group:

Not applicable.

Item 9. Notice of Dissolution of Group:

Not applicable.

Item 10. Certification:

By signing below each of the undersigned certifies that, to the best of such undersigned's knowledge and belief, the securities referred to above were not acquired and are not for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of the undersigned's knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated: February 5, 2008

BANK OF AMERICA CORPORATION  
NB HOLDINGS CORPORATION  
BANK OF AMERICA, NATIONAL ASSOCIATION

By: /s/ Lucille E. Reymann  
Lucille E. Reymann  
Senior Vice President

BANKAMERICA INVESTMENT CORPORATION  
BANK OF AMERICA VENTURES

By: /s/ M. Ann O'Brien  
M. Ann O'Brien  
Managing Director

BANCBOSTON VENTURES, INC.

By: /s/ Maia D. Heymann  
Maia D. Heymann  
Managing Director

COLUMBIA MANAGEMENT GROUP, LLC  
COLUMBIA MANAGEMENT ADVISORS, LLC

By: /s/ Michael A. Jones  
Michael A. Jones  
President

BANK OF AMERICA CAPITAL ADVISORS LLC

By: /s/ Steven Suss  
Steven Suss  
Managing Director

UNITED STATES TRUST COMPANY, N.A.

By: /s/ Michael Murphy  

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Michael Murphy  
Senior Vice President

Exhibit 99.1

JOINT FILING AGREEMENT

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1). Each of them is responsible for the timely filing of such Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

In accordance with Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other on behalf of each

of them of to such a statement on Schedule 13G with respect to the common stock of Acusphere, Inc. beneficially owned by each of them. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13G.

Dated: February 5, 2008

BANK OF AMERICA CORPORATION  
NB HOLDINGS CORPORATION  
BANK OF AMERICA, NATIONAL ASSOCIATION

By: /s/ Lucille E. Reymann  
Lucille E. Reymann  
Senior Vice President

BANKAMERICA INVESTMENT CORPORATION  
BANK OF AMERICA VENTURES

By: /s/ M. Ann O'Brien  
M. Ann O'Brien  
Managing Director

BANCBOSTON VENTURES, INC.

By: /s/ Maia D. Heymann  
Maia D. Heymann  
Managing Director

COLUMBIA MANAGEMENT GROUP, LLC  
COLUMBIA MANAGEMENT ADVISORS, LLC

By: /s/ Michael A. Jones  
\_\_\_\_\_  
Michael A. Jones  
President

BANK OF AMERICA CAPITAL ADVISORS LLC

By: /s/ Steven Suss  
\_\_\_\_\_  
Steven Suss  
Managing Director

UNITED STATES TRUST COMPANY, N.A.

By: /s/ Michael Murphy  
\_\_\_\_\_  
Michael Murphy  
Senior Vice President