

FORM 4

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response...	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * BANK OF AMERICA VENTURES			2. Issuer Name and Ticker or Trading Symbol ACUSPHERE INC [acus]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ___ Director ___X 10% Owner ___ Officer (give title below) ___ Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 04/01/2004					
950 TOWER LANE, SUITE 700, (Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing(Check Applicable Line) ___ Form filed by One Reporting Person ___X Form filed by More than One Reporting Person		
FOSTER CITY, CA 94404 (City) (State) (Zip)								

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common stock								1,314,146	D	
Common stock								146,016	I	By Banc of America Partners II (1)
Common stock	04/01/2004		J(2)		452,414	A	\$ 0 (2)	452,414	I	By BancBoston Ventures Inc. (3)
Common stock	04/05/2004		J(4)		6,521	A	\$ 0 (5)	6,521	I	By Bank of America Capital Corporation (5)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)





1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

BANK OF AMERICA VENTURES 950 TOWER LANE, SUITE 700 FOSTER CITY, CA 94404		X		
BANK OF AMERICA CORP /DE/ BANK OF AMERICA CORPORATE CENTER 100 N TRYON ST CHARLOTTE, NC 28255		X		
BANK OF AMERICA NA 110 N TYRONE CHARLOTTE, NC 28255		X		
NB HOLDINGS CORP 100 NORTH TRYON STREET CHARLOTTE, NC 28255		X		

Signatures

/s/ Kate Mitchell, By: Kate Mitchell, President and Managing Director, Bank of America Ventures		04/05/2004
 Signature of Reporting Person		Date
/s/ Charles S. Bowman, By: Charles S. Bowman, Senior Vice President, Bank of America Corporation		04/05/2004
 Signature of Reporting Person		Date
/s/ Charles S. Bowman, By: Charles S. Bowman, Senior Vice President, Bank of America, N.A.		04/05/2004
 Signature of Reporting Person		Date
/s/ Charles S. Bowman, By: Charles S. Bowman, Senior Vice President, NB Holdings Corporation		04/05/2004
 Signature of Reporting Person		Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

- (1) Held by BA Venture Partners II, with which the Reporting Persons have an employment relationship. The Reporting Persons disclaim beneficial ownership of such securities.
On April 1, 2004, Bank of America Corporation, one of the Reporting Persons, merged with FleetBoston Financial Corporation. As a result of such merger, Bank of America
- (2) corporation may be deemed to have a pecuniary interest in shares of the Issuer held by BancBoston Ventures, Inc., an indirect wholly-owned subsidiary of FleetBoston Financial Corporation. The Reporting Persons disclaim beneficial ownership of such securities.
- (3) Held by BancBoston Ventures, Inc. The Reporting Persons disclaim beneficial ownership of such securities.
- (4) On April 5, 2004, these securities were distributed to Bank of America Capital Corporation, an affiliate of Reporting Persons. Such shares were distributed (for no additional consideration) to Bank of America Capital Corporation by the general partner of a limited partnership of which Bank of America Capital Corporation is a limited partner.
- (5) Held by Bank of America Capital Corporation. The Reporting Persons disclaim beneficial ownership of such securities.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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