

FORM 4

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

OMB APPROVAL
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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

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

(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) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 06/10/2004					
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person		
(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								1,314,164	D	
Common Stock								146,016	I	See Footnote 1. (1)
Common Stock								452,414	I	See Footnote 2. (2)
Common Stock								6,521	I	See Footnote 3. (3)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (9-02)

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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Options (Right to Buy)	\$ 6.14	06/10/2004		A		25,000		07/10/2004(4)	06/10/2014	Common Stock	25,000	\$ 6.14	25,000	I	See Footnote 5. (5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BANK OF AMERICA VENTURES		X		
BANK OF AMERICA NA 110 N TYRONE CHARLOTTE, NC 28255		X		
NB HOLDINGS CORP 100 NORTH TRYON STREET CHARLOTTE, NC 28255		X		

BANK OF AMERICA CORP /DE/ BANK OF AMERICA CORPORATE CENTER 100 N TRYON ST CHARLOTTE, NC 28255		X		
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Signatures

By: Kate Mitchell, President and Managing Director, Bank of America Ventures		06/15/2004
<small>Signature of Reporting Person</small>		<small>Date</small>
By: Charles F. Bowman, Senior Vice President, BANK OF AMERICA, N.A.		06/15/2004
<small>Signature of Reporting Person</small>		<small>Date</small>
By: Charles F. Bowman, Senior Vice President, NB HOLDINGS CORPORATION		06/15/2004
<small>Signature of Reporting Person</small>		<small>Date</small>
By: Charles F. Bowman, Senior Vice President, BANK OF AMERICA CORPORATION		06/15/2004
<small>Signature of Reporting Person</small>		<small>Date</small>

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.
- (2) Held by BancBoston Ventures, Inc. The Reporting Persons disclaim beneficial ownership of such securities.
- (3) Held by Bank of America Capital Corporation. The Reporting Persons disclaim beneficial ownership of such securities.
- (4) The options vest over four years on a monthly basis beginning on July 10, 2004.

- The option was granted to Kate Mitchell, who is President and Managing Director of Bank of America Ventures. Pursuant to the policies of BA Capital Company, L.P and its affiliates, Mr. Sheridan is deemed to hold the reported option for the benefit of BA Capital Company, L.P and must exercise the option solely upon the direction of BA Capital Company, L.P. BA Capital Company, L.P may be deemed the indirect beneficial owner of the option. BA Capital Company, L.P disclaims beneficial ownership of the option except to the extent of its pecuniary interest therein.
- (5)

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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Information Regarding Joint Filers

Designated Filer of Form 3: Bank of America Ventures

Item 2. Date of Event Requiring Statement: June 10, 2004

Item 4. Issuer Name and Ticker Symbol: Acusphere, Inc. (ACUS)

	Ownership Form	Nature of Indirect
Designated Filer:		Beneficial Ownership
Bank of America Ventures 950 Tower Lane, Suite 700 Foster City, CA 94404	Direct	
Joint Filers:		
Bank of America Corporation 100 North Tryon Street Bank of America Plaza Charlotte, NC 28255	Indirect	Indirect 100% Owner of Reported Shares, as 100% Parent of Bank of America, N.A.
Bank of America, N.A. 101 South Tryon Street Bank of America Plaza Charlotte, NC 28255	Indirect	Indirect 100% Owner of Reported Shares, as 100% Parent of Bank of America Ventures
NB Holdings Corporation 100 North Tryon Street Bank of America Plaza Charlotte, NC 28255	Indirect	

SIGNATURES

BANK OF AMERICA CORPORATION

NB HOLDINGS CORPORATION

BANK OF AMERICA, N.A.

By: /s/ Charles F Bowman Date: June 15, 2004

Charles F. Bowman

Senior Vice President