Greenfield Andrew J Form 4 June 07, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Greenfield Andrew J

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

ABIOMED INC [ABMD] (First) (Middle) (Last)

(Zip)

3. Date of Earliest Transaction (Month/Day/Year)

Director 10% Owner X_ Officer (give title Other (specify

(Check all applicable)

C/O ABIOMED, INC., 22 CHERRY 06/03/2010

HILL DRIVE

(City)

below) VP Healthcare Solutions

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

DANVERS, MA 01923

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of 6. Ownership 7. Nature of Securities Form: Direct Indirect Beneficially (D) or Beneficial Indirect (I) Ownership Owned Following (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common Stock, \$.01 06/03/2010

par value

25,000 Α (6)

\$0 65,774 D

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)

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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. Transactio Code (Instr. 8)	5. Number of orDerivative 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 o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (right to buy) (1)	\$ 14.98					01/04/2006(3)	01/04/2015	Common Stock	30,000
Stock Option (right to buy) (2)	\$ 9.36					06/08/2006(3)	06/08/2015	Common Stock	20,000
Stock Option (right to buy) (2)	\$ 8.77					11/16/2006(3)	11/16/2015	Common Stock	15,000
Stock Option (right to buy) (2)	\$ 13.57					06/01/2007(3)	06/01/2016	Common Stock	40,000
Stock Option (right to buy) (2)	\$ 11.27					05/30/2008(3)	05/30/2017	Common Stock	10,000
Stock Option (right to buy) (2)	\$ 13.8					05/23/2009(3)	05/23/2018	Common Stock	9,000
Stock Option (right to buy) (4)	\$ 5.86					05/28/2010(3)	05/28/2019	Common Stock	50,000
Stock Option (right to buy) (4)	\$ 5.86					03/31/2010(5)	05/28/2019	Common Stock	30,000
Stock Option (right to buy) (4)	\$ 10.03	06/03/2010		A	25,000	06/03/2011(3)	06/03/2020	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Greenfield Andrew J C/O ABIOMED, INC. 22 CHERRY HILL DRIVE DANVERS. MA 01923

VP Healthcare Solutions

Signatures

/s/ Ian W. McLeod (by power of attorney)

06/07/2010

**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) Grant to reporting person of option to buy shares of Common Stock under ABIOMED, Inc. 1998 Equity Incentive Plan.
- (2) Grant to reporting person of option to buy shares of Common Stock under ABIOMED, Inc. 2000 Stock Incentive Plan.
- (3) These options become exercisable in annual 25% increments commencing on the date shown in Table II, Column 6.
- (4) Grant to reporting person of option to buy shares of Common Stock under ABIOMED, Inc. 2008 Stock Incentive Plan.
- (5) These options become exerciseable upon the achievement of a certain performance milestone based on the results of Abiomed's fiscal year ended March 31, 2010.
- (6) Shares of restricted stock awarded to reporting person under ABIOMED, Inc. 2008 Stock Incentive Plan. These shares vest based upon the achievement of certain performance milestones.

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.

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