Shapiro Bennett M Form 4/A July 17, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

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

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

Shapiro Bennett M

C/O MOMENTA

2. Issuer Name and Ticker or Trading

Symbol

MOMENTA

PHARMACEUTICALS INC

[MNTA]

(Last) (First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) 06/13/2007

PHARMACEUTICALS, INC., 675 WEST KENDALL STREET

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

06/15/2007

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

> _X_ Form filed by One Reporting Person Form filed by More than One Reporting

(A)

or

Price

CAMBRIDGE, MA 02142

(City) (State) (Zip)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed

(Month/Day/Year) Execution Date, if any (Month/Day/Year)

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

Code V Amount (D)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Transaction(s) (Instr. 3 and 4)

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	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	Execution Date, if any	Code	5. Number of orDerivative Securities	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and	Securities
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)				
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (Right to	\$ 11.91	06/13/2007		A	19,200	09/13/2007(2)	06/13/2017	Common Stock	19,200

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Shapiro Bennett M C/O MOMENTA PHARMACEUTICALS, INC. 675 WEST KENDALL STREET CAMBRIDGE, MA 02142



Signatures

buy) (1)

/s/ Bennett M. 06/25/2007 Shapiro

**Signature of Date
Reporting Person

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) This Amendment is being filed to correct the description of the vesting schedule set forth in footnote 1 of the Form 4 filed by the reporting person on June 15, 2007.
- On June 15, 2007, the reporting person mistakenly filed a Form 4 reporting the vesting schedule of the option granted, such that the (2) shares subject to such option would vest as of the first anniversary of the date of grant. Subject to certain criteria, the shares subject to such option vest in four equal quarterly installments following the date of grant.

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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