#### MOMENTA PHARMACEUTICALS INC

Form 4

December 20, 2006

FC	)R	M	4	IINI

Check this box

if no longer

Section 16.

Form 4 or

subject to

### TED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

**OMB** Number:

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response...

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

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 \* Crane Alan L

2. Issuer Name and Ticker or Trading

Issuer

Symbol

**MOMENTA** 

PHARMACEUTICALS INC

[MNTA]

12/18/2006

\_X\_\_ Director

10% Owner

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

Officer (give title

\_\_ Other (specify

C/O MOMENTA

(Last)

PHARMACEUTICALS, 675 WEST

(Street)

(First)

(Middle)

KENDALL STREET

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

CAMBRIDGE, MA 02142

(City)	(State)	(Zip) Tabl	le I - Non-E	Derivative S	Securi	ities Acqu	iired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 3, 4 and 5)		of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
G			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	12/18/2006		S <u>(1)</u>	1,200	D	\$ 16	697,642	D	
Common Stock	12/18/2006		S(1)	400	D	\$ 16.01	697,242	D	
Common Stock	12/18/2006		S(1)	1,200	D	\$ 16.02	696,042	D	
Common Stock	12/18/2006		S(1)	1,360	D	\$ 16.03	694,682	D	

Common Stock	12/18/2006	S <u>(1)</u>	200	D	\$ 16.04	694,482	D
Common Stock	12/18/2006	S(1)	4,593	D	\$ 16.05	689,889	D
Common Stock	12/18/2006	S <u>(1)</u>	300	A	\$ 16.06	689,589	D
Common Stock	12/18/2006	S <u>(1)</u>	132	D	\$ 16.07	689,457	D
Common Stock	12/18/2006	S <u>(1)</u>	4,764	D	\$ 16.08	684,693	D
Common Stock	12/18/2006	S <u>(1)</u>	304	D	\$ 16.12	684,389	D
Common Stock	12/18/2006	S <u>(1)</u>	5,275	D	\$ 16.15	679,114	D
Common Stock	12/18/2006	S <u>(1)</u>	272	D	\$ 16.16	678,842	D
Common Stock	12/18/2006	S <u>(1)</u>	4,500	D	\$ 16.3	674,342	D
Common Stock	12/18/2006	S <u>(1)</u>	500	D	\$ 16.4	673,842	D
Common Stock	12/18/2006	S <u>(1)</u>	10,404	D	\$ 16.42	663,438	D
Common Stock	12/18/2006	S <u>(1)</u>	1,296	D	\$ 16.45	662,142	D
Common Stock	12/18/2006	S(1)	2,000	D	\$ 16.5	660,142	D
Common Stock	12/18/2006	S(1)	500	D	\$ 16.51	659,642	D
Common Stock	12/18/2006	S <u>(1)</u>	200	D	\$ 16.56	659,442	D
Common Stock	12/18/2006	S <u>(1)</u>	3,222	D	\$ 16.57	656,220	D
Common Stock	12/18/2006	S(1)	600	D	\$ 16.58	655,620	D
Common Stock	12/18/2006	S <u>(1)</u>	1,000	D	\$ 16.74	654,620	D
Common Stock	12/18/2006	S <u>(1)</u>	600	D	\$ 16.75	654,020	D
Common Stock	12/18/2006	S(1)	100	D	\$ 16.76	653,920	D
	12/18/2006	S <u>(1)</u>	100	D	\$ 16.8	653,820	D

Common Stock							
Common Stock	12/18/2006	S(1)	6,522	D	\$ 16.85	647,298	D
Common Stock	12/18/2006	S(1)	1,900	D	\$ 16.9	645,398	D
Common Stock	12/18/2006	S(1)	200	D	\$ 16.91	645,198	D
Common Stock	12/18/2006	S(1)	5,000	D	\$ 16.95	640,198	D
Common Stock	12/18/2006	S <u>(1)</u>	3,856	D	\$ 17	636,342	D

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)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Tit	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ite	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	]
	Derivative				Securities			(Instr	. 3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	Title	or Number		
						Exercisable	Date	Title	of		
				Code V	(A) (D)				Shares		
				Code V	(A) (D)				Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Crane Alan L C/O MOMENTA PHARMACEUTICALS 675 WEST KENDALL STREET CAMBRIDGE, MA 02142	X					

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# **Signatures**

/s/ Michael Flanagan, as attorney in fact 12/20/2006

\*\*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) This sale was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on September 14, 2006.

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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