Venkataraman Ganesh Form 4 May 25, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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Check this box

may continue.

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

2. Issuer Name and Ticker or Trading

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Venkataraman Ganesh

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

Symbol

MOMENTA PHARMACEUTICALS INC

Director

10% Owner Other (specify

[MNTA]

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) 05/24/2011

Filed(Month/Day/Year)

X_ Officer (give title below)

below) Senior V.P., Research

C/O MOMENTA PHARMACEUTICALS, INC., 675 WEST KENDALL STREET

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

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

CAMBRIDGE, MA 02142

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year)

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

5. Amount of Securities Beneficially (D) or Owned Indirect (I) Following (Instr. 4)

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

(A) or Code Amount (D)

Transaction(s) (Instr. 3 and 4)

Reported

Common Stock

Security

(Instr. 3)

05/24/2011

 $S^{(1)}$ 102

D

Price

18.69

412,183

D

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

Execution Date, if

(Month/Day/Year)

any

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1

(9-02)

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative		e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr. 3	3 and 4)		Own
	Security										Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
					Date	Date	Expiration	Or Title Nesselves			
						Exercisable Date	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Venkataraman Ganesh C/O MOMENTA PHARMACEUTICALS, INC. 675 WEST KENDALL STREET CAMBRIDGE, MA 02142

Senior V.P., Research

Signatures

/s/ Michael Flanagan as attorney in fact

05/25/2011

**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 January 25,2009.

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.

Reporting Owners 2