Edgar Filing: Vaishnaw Akshay - Form 4

Vaishnaw A Form 4	•												
September 1													. .
FORM	14 UNITED	STATES	SECUR	ITIES A	N	D EXC	CHAR	NGE (COMMISSION			PPROVA	
Check th	uis box	Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES											-0287
if no lon subject to Section 1 Form 4 c Form 5	ger o STATEN 16. or												ry 31, 2005 0.5
obligatio may con See Instr 1(b).	tinue. Section 17(a) of the	Section 16(a) of the Securities Exchange Act of 1934, Public Utility Holding Company Act of 1935 or Section of the Investment Company Act of 1940										
(Print or Type	Responses)												
1. Name and A Vaishnaw A	Symbol	•						5. Relationship of Reporting Person(s) to Issuer					
	ALNYLAM PHARMACEUTICALS, INC. [ALNY]						(Check all applicable)						
(Mo				5. Date of Earliest Transaction Month/Day/Year)					X Officer (give title Other (specify below) below) EVP, Chief Medical Officer				
(Street) 4. If Amer				endment, Date Original nth/Day/Year)					6. Individual or Joint/Group Filing(CheckApplicable Line)_X_ Form filed by One Reporting Person				
CAMBRID	GE, MA 02139								Form filed by I Person	More	than One Ro	eporting	
(City)	(State)	(Zip)	Table	e I - Non-E	Der	rivative S	ecuri	ties Ac	quired, Disposed o	of, or	Beneficia	lly Owne	d
1.Title of Security (Instr. 3)	2. Transaction Dat (Month/Day/Year)	2. Transaction Date 2A. Deemed Month/Day/Year) Execution Date, if any (Month/Day/Year)			ion	4. Securit Acquired Disposed (Instr. 3, Amount	(A) o of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	For (D) Indi	5. Ownership 7. Nature of Form: Direct Indirect D) or Beneficial ndirect (I) Ownership Instr. 4) (Instr. 4)		
Common Stock	09/10/2012			M <u>(1)</u>		1,334	A	\$ 9.3	13,922	D			
Common Stock	09/10/2012			S <u>(1)</u>		1,334	D	\$ 19	12,588	D			
Common Stock	09/12/2012			M <u>(1)</u>		4,916	А	\$ 9.3	17,504	D			
Common Stock	09/12/2012			S <u>(1)</u>		4,916	D	\$ 19	12,588	D			
Common Stock									2,395	I		By Manag	ed

Account (2)

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.

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

1. Title Derivat Securit (Instr. 3	tive ty	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number prof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration D	5. Date Exercisable and Expiration Date Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right Buy)	n	\$ 9.3	09/10/2012		M <u>(1)</u>	1,334	(3)	06/09/2021	Common Stock	1,334	
Stock Option (Right Buy)	n	\$ 9.3	09/12/2012		M <u>(1)</u>	4,916	(3)	06/09/2021	Common Stock	4,916	

Reporting Owners

Reporting Owner Name / Address	Relationships								
1	Director	10% Owner	Officer	Other					
Vaishnaw Akshay 300 THIRD STREET CAMBRIDGE, MA 02139			EVP, Chief Medical Officer						
Signatures									
/s/ Michael P. Mason For: Aksh	nay K.								
Vaishnaw			09/12/2012						
** Signature of Reporting Perso	on		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) The sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on March 20, 2012.
- (2) The reporting person owns 2,395 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.
- (3) The stock option vests as to 25% of the shares on the 1st anniversary of the date of the stock option grant and as to an additional 6.25% of the shares each successive three month period thereafter.

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.