Zayas Ricardo Form 4 August 09, 2010

# FORM 4

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

Check this box if no longer subject to Section 16.

Form 4 or

obligations

Form 5

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

**OMB APPROVAL** 

**OMB** 3235-0287 Number:

January 31, Expires: 2005

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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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Zayas Ricardo			2. Issuer Name and Ticker or Trading Symbol AMAG PHARMACEUTICALS	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
			INC. [AMAG]				
(Last) 100 HAYDEN	(First)  AVENUE	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/06/2010	Director 10% Owner X Officer (give title Other (specify below) SVP, Operations			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
LEXINGTON,		(7:)	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) (	(Zip) Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly 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 Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			d of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock	08/06/2010		S	5,790	D	(1)	5,102	D		
Common Stock	08/09/2010		S	10	D	\$ 30.65	5,092	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)

	1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security or Exerc (Instr. 3) Price of Derivat		or Exercise Price of Derivative Security	se	any (Month/Day/Year)	Code (Instr. 8)	of	(Month/Day/Year)		Underly Securiti	lying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
					Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

# **Reporting Owners**

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

Zayas Ricardo

100 HAYDEN AVENUE SVP, Operations

LEXINGTON, MA 02421

# **Signatures**

Joseph L. Farmer, 08/09/2010 attorney-in-fact

\*\*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).

The shares sold on this date were sold in multiple transactions. The price is the weighted average sales price per share of all shares sold on this day. The actual sales prices range from \$31.091-\$31.19. Upon request by the Securities and Exchange Commission, the issuer, or any security holder of the issuer, the reporting person will provide full information regarding the number of shares sold at each price.

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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