

AMAG PHARMACEUTICALS INC.
 Form 4
 February 11, 2008

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Pereira Brian JG

2. Issuer Name and Ticker or Trading Symbol
 AMAG PHARMACEUTICALS INC. [AMAG]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 C/O AMAG
 PHARMACEUTICALS, INC., 125
 CAMBRIDGE PARK DRIVE
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/07/2008

Director 10% Owner
 Officer (give title below) Other (specify below)
 President & C.E.O.

CAMBRIDGE, MA 02140
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	02/07/2008		M	5,000	A \$ 0	37,967	D
Common Stock	02/08/2008		S ⁽¹⁾	5,000	D \$ 54.66	32,967	D
					(2)		

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 Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Restricted Stock Unit	(3)	02/07/2008		M	5,000	(3) (3)	Common Stock	5,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Pereira Brian JG C/O AMAG PHARMACEUTICALS, INC. 125 CAMBRIDGE PARK DRIVE CAMBRIDGE, MA 02140	X		President & C.E.O.	

Signatures

/s/ Joseph L. Farmer,
attorney-in-fact

02/11/2008

__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) The sales reported on this Form 4 were effected pursuant to a 10b5-1 trading plan adopted by the reporting person.
 - (2) The shares sold on this date were sold in multiple transactions. This price is the weighted average sales price per share of all shares sold on this date; the actual sale prices per share ranged from \$54.53 to \$54.99.
 - (3) Grant of restricted stock units pursuant to the AMAG Pharmaceuticals, Inc. Amended and Restated 2000 Stock Plan. This restricted stock unit grant vests in four equal annual installments. The first two installments vested on February 7, 2007 February 7, 2008. The final installments vest on February 7, 2009 and February 7, 2010. Restricted stock unit grants do not have an exercise price. Upon each vesting date, the amount of underlying shares of common stock corresponding to such vested installment are issued to the reporting person.

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.