AMAG PHARMACEUTICALS INC.

Form 4

September 27, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations may continue. See Instruction

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(b).

1. Name and Address of Reporting Person * Farmer Joseph L

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

AMAG PHARMACEUTICALS INC. [AMAG]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction

Director X_ Officer (give title

10% Owner Other (specify

C/O AMAG

PHARMACEUTICALS, INC., 125 CAMBRIDGEPARK DRIVE, 6TH **FLOOR**

09/25/2007

Filed(Month/Day/Year)

(Month/Day/Year)

below) Gen Counsel -VP Legal Affairs

(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

CAMBRIDGE, MA 02140

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following Reported

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

(A) or Code V Amount (D) Price Transaction(s) (Instr. 3 and 4)

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)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)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (Right to Buy)	\$ 54.97	09/25/2007		M	17,000	<u>(1)</u>	09/25/2017	Common Stock	17,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Farmer Joseph L C/O AMAG PHARMACEUTICALS, INC. 125 CAMBRIDGEPARK DRIVE, 6TH FLOOR CAMBRIDGE, MA 02140

Gen Counsel -VP Legal Affairs

Signatures

/s/ Joseph L.
Farmer

**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).
- Grant of stock option pursuant to the AMAG Pharmaceuticals, Inc. Amended and Restated 2000 Stock Plan. This option is exercisable in (1) four equal annual installments. The first installment will vest on September 25, 2008, the first anniversary of the grant, and the next three installments will vest on September 25, 2009, September 25, 2010, and September 25, 2011.
- (2) The exercise price is reported in column 2.

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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