AMAG PHARMACEUTICALS INC.

Form 4

November 13, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, 2005

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Form 5 obligations

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

may continue. See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **BRENNER LOUIS MD**

(First)

(Street)

(State)

11/12/2007

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

AMAG PHARMACEUTICALS

(Check all applicable)

Senior Vice President

10% Owner

INC. [AMAG]

(Middle)

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

Director X_ Officer (give title Other (specify below)

11/12/2007

C/O AMAG PHARMACEUTICALS, INC., 125

CAMBRIDGE PARK DRIVE, 6TH **FLOOR**

(City)

Common

Stock

(Last)

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

CAMBRIDGE, MA 02140

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Zip)

(Month/Day/Year)

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

5. Amount of 6. Ownership 7. Nature of Form: Direct Indirect Securities Beneficially (D) or Beneficial Owned Indirect (I) Ownership Following (Instr. 4) (Instr. 4) Reported

(A) Code Amount

500

M

Transaction(s) (Instr. 3 and 4)

(D) Price 500 A 35.29

or

D

Common 11/12/2007 Stock

 $S^{(1)}$ 500 D

D

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

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number.

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. Transactic Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	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)	\$ 35.29	11/12/2007		M	500	(2)	09/07/2016	Common Stock	500

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BRENNER LOUIS MD C/O AMAG PHARMACEUTICALS, INC. 125 CAMBRIDGE PARK DRIVE, 6TH FLOOR CAMBRIDGE, MA 02140

Senior Vice President

8. F Der Sec (Ins

Signatures

/s/ Joseph L. Farmer, 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).
- (1) The sales reported on this Form 4 were effected pursuant to a 10b5-1 trading plan adopted by the reporting person.
- (2) This option vests in four equal annual installments. The first installment vested on September 7, 2007 and the remaining installments vest on September 7, 2008, September 7, 2009 and September 7, 2010.

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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