

ARMER THOMAS A  
Form 4  
December 16, 2009

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
ARMER THOMAS A

2. Issuer Name and Ticker or Trading Symbol  
MAP Pharmaceuticals, Inc. [MAPP]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
2400 BAYSHORE PARKWAY,  
SUITE 200  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/14/2009

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chief Scientific Officer

MOUNTAIN VIEW, CA 94043  
  
(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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/14/2009		M	10,000 A	\$ 3.363 342,403	I	See Footnote (1)
Common Stock	12/14/2009		S	10,000 D	\$ 9.537 332,403	I	See Footnote (1)

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

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SEC 1474 (9-02)

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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. Amount or Number of Shares
Stock Option (Right to Buy)	\$ 3.363	12/14/2009		M	10,000	<sup>(3)</sup> 03/05/2017	Common	10,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ARMER THOMAS A 2400 BAYSHORE PARKWAY, SUITE 200 MOUNTAIN VIEW, CA 94043	X		Chief Scientific Officer	

## Signatures

/s/ Thomas A. Armer  
Date: 12/16/2009

\*\*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) Represents 252,009 shares of Common Stock held directly by Dr. Armer and 90,394 held indirectly in trusts to which Dr. Armer and his spouse are trustees. Dr. Armer disclaims beneficial ownership of the shares in trusts except to the extent of his pecuniary interest therein.
- (2) The range of price is from \$9.53 to \$9.545 per share. Full information regarding the number of shares sold at each separate price will be provided upon request by the SEC staff, or a security holder of the issuer.
- (3) The option is exercisable as it vests: 25% of the total number of option shares vests and becomes exercisable on the first anniversary of the vesting commencement date. Thereafter, 1/48th of the total number of option shares becomes exercisable cumulatively on each monthly anniversary for 36 months so that the entire number of option shares becomes fully vested.

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.