MEDICINES CO/DE

Form 4

January 17, 2013

FORM 4

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 obligations

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Adda SBLENDORIO	*	ng Person *	2. Issuer Name and Ticker or Trading Symbol MEDICINES CO /DE [MDCO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
8 SYLVAN WAY			(Month/Day/Year) 01/16/2013	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) President & CFO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
PARSIPPANY	, NJ 07054		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 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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of 6. Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)		
Common Stock	01/16/2013		M	25,000	A	\$ 19.36	122,282	D		
Common Stock (1)	01/16/2013		S	25,000	D	\$ 30	97,282	D		
Common Stock	01/16/2013		M	100,000	A	\$ 20.11	197,282	D		
Common Stock (1)	01/16/2013		S	100,000	D	\$ 30	97,282	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 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. Transactio Code (Instr. 8)	5. Number of actionDerivative Securities 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		we Expiration Date (Month/Day/Year) I (A) or I of (D)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount o Number o Shares
Option (right to buy)	\$ 19.36	01/16/2013		M		25,000	(2)	02/15/2018	Common Stock	25,000
Common stock	\$ 20.11	01/16/2013		M		100,000	(3)	03/03/2016	Common Stock	100,000

Reporting Owners

Reporting Owner Name / Address	Relationships							
• 0	Director	10% Owner	Officer	Other				
SBLENDORIO GLENN 8 SYLVAN WAY	X		President & CFO					
PARSIPPANY, NJ 07054	A		Tresident & Cr O					

Signatures

/s/ Paul M. Antinori as Attorney-In-Fact for Glenn Sblendorio

01/17/2013

**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 common stock sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 program adopted by Mr. Sblendorio on February 18, 2011.
- As of 1/16/2013, the original grant (99,495 shares granted on 2/15/2008) was fully vested. After the exercise of the options reported hereby, as of 1/16/2013, the remaining 24,495 shares covered by this option are vested but not exercised.
- (3) As of 1/16/2013, the original grant (150,000 shares granted on 3/3/2006) was fully vested. After the exercise of the options reported hereby, as of 1/16/2013, the remaining 50,000 shares covered by this option are vested but not exercised.

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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