MEDICINES CO/DE

Form 4

August 25, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

Number: January 31, Expires:

OMB APPROVAL

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

obligations

may continue.

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and A MEANWEI	Address of Repo LL CLIVE	rting Person *	2. Issuer Name and Ticker or Trading Symbol MEDICINES CO /DE [MDCO]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
8 SYLVAN WAY			(Month/Day/Year) 08/24/2016	_X_ Director 10% Owner Specify below) below) CEO		
	(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)	Toble I Non Derivative Securities As	animad Disposed of an Popoficially Owner		

(City)	(State)	Table 1 - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securit		•	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)	()	any	Code	(Instr. 3, 4		` ′	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(A)		Reported		
					or		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	08/24/2016		M	20,000	A	\$ 28.6	358,790	D	
Common Stock	08/24/2016		S	20,000	D	\$ 40	338,790	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. Transaction Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securition (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Stock Option (right-to-buy)	\$ 28.6	08/24/2016		M	20,000	(2)	02/16/2017	Common Stock	20,0

Reporting Owners

Reporting Owner Name / Address	Relationships							
r g	Director	10% Owner	Officer	Other				
MEANWELL CLIVE								
8 SYLVAN WAY	X		CEO					
PARSIPPANY, NJ 07054								

Signatures

/s/ Stephen M. Rodin, Attorney-in-Fact for Clive Meanwell

08/25/2016

**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) Sales were effected pursuant to a Rule 10b-5 program adopted by Dr. Meanwell.
- (2) This option vested in forty-eight equal installments beginning on March 16, 2007.
- (3) Not applicable.

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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