SMITH STEPHEN R

Form 4

December 04, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

3235-0287

0.5

January 31, Expires: 2005

OMB APPROVAL

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obligations

may continue.

See Instruction

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

30(h) of the Investment Company Act of 1940

1(b).

Common

Stock

12/04/2012

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading SMITH STEPHEN R Issuer Symbol CABOT MICROELECTRONICS (Check all applicable) CORP [CCMP] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) below) C/O CABOT 12/04/2012 VP, Marketing **MICROELECTRONICS** CORPORATION, 870 COMMONS **DRIVE** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting AURORA, IL 60504 (City) (Zip) (State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 7. Nature of Indirect Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial any (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership Following or Indirect (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) or (Instr. 3 and 4) Code V Amount (D) Price Common 12/04/2012 S D 21,938 D 4,265 32.6039 Stock Common 12/04/2012 M 19,946 Α \$ 21.04 41,884 D Stock

21,938

32.7435

D

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

S

19.946 D

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	Date Exercisab	le and	7. Title and A	Amount o
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orDerivative	Expiration Date		Underlying S	Securities
Security	or Exercise		any	Code	Securities	(Month/Day/Year	r)	(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)				
	Derivative				or Disposed of				
	Security				(D)				
					(Instr. 3, 4,				
					and 5)				
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number
				Code V	(A) (D)				of Share
Stock									
Options (Right to	\$ 21.04	12/04/2012		M	19,946	12/09/2006(1)	12/09/2015	Common Stock	19,940

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SMITH STEPHEN R C/O CABOT MICROELECTRONICS CORPORATION 870 COMMONS DRIVE AURORA, IL 60504

VP, Marketing

Signatures

Buy)

/s/ H. Carol Bernstein (Power of Attorney) 12/04/2012

**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) 2005 Stock Option Grant Award Vesting Schedule: 25% 12/9/2006, 25% 12/9/2007, 25% 12/9/2008, 25% 12/9/2009

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.

Reporting Owners 2