Polezoes Lisa A Form 3 October 04, 2012

FORM 3

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

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement CABOT MICROELECTRONICS CORP [CCMP] Polezoes Lisa A (Month/Day/Year) 10/01/2012 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O CABOT (Check all applicable) **MICROELECTRONICS** CORPORATION. 870 10% Owner Director **COMMONS DRIVE** _X__ Officer Other (give title below) (specify below) (Street) 6. Individual or Joint/Group VP, Human Resources Filing(Check Applicable Line) _X_ Form filed by One Reporting Person AURORA, ILÂ 60504 Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) (Instr. 5) Form: Direct (D) or Indirect (Instr. 5) Â Common Stock (1) 6,276.54 D Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of

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

information contained in this form are not required to respond unless the form displays a

currently valid OMB control number.

6. Nature of Indirect 1. Title of Derivative 3. Title and Amount of 2. Date Exercisable and 5. Beneficial Security **Expiration Date** Securities Underlying Conversion Ownership (Month/Day/Year) **Derivative Security** (Instr. 4) or Exercise Form of Ownership

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	Date Exercisable	Expiration Date	(Instr. 4) Title	Amount or Number of Shares	Price of Derivative Security	Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	(Instr. 5)
Stock Options (Right to Buy)	11/30/2008(2)	11/30/2017	Common Stock	2,466	\$ 25.79	D	Â
Stock Options (Right to Buy)	12/01/2009(3)	12/01/2018	Common Stock	2,959	\$ 16	D	Â
Stock Options (Right to Buy)	12/01/2010(4)	12/01/2019	Common Stock	3,812	\$ 21.45	D	Â
Stock Options (Right to Buy)	12/01/2011(5)	12/01/2020	Common Stock	6,963	\$ 28.62	D	Â
Stock Options (Right to Buy)	12/01/2012(6)	12/01/2021	Common Stock	7,659	\$ 27.94	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships				
F	Director	10% Owner	Officer	Other	
Polezoes Lisa A C/O CABOT MICROELECTRONICS CORPORATION 870 COMMONS DRIVE AURORA Â ILÂ 60504	Â	Â	VP, Human Resources	Â	

Signatures

/s/ H. Carol Bernstein (Power of Attorney) 10/04/2012

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) Of the amount, 3,714 are still subject to restrictions according to various vesting schedules.
- (2) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date November 30, 2007.
- (3) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2008.
- (4) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2009.
- (5) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2010.
- (6) With original vesting schedule of 25% quarterly per year beginning on the first anniversary of grant date December 1, 2011.

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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