Keohane Sean D Form 4 March 20, 2012

FORM 4

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

OMB APPROVAL OMB

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

obligations

may continue.

See Instruction

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

1(b).

Stock

(Print or Type Responses)

1. Name and Adda Keohane Sean	•	ng Person *	2. Issuer Name and Ticker or Trading Symbol CABOT CORP [CBT]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
C/O CABOT CORPORATION	Γ ΓΙΟΝ, TWO SEAPORT		(Month/Day/Year) 03/19/2012	Director 10% Owner Self-width of the precision of the control of			
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
BOSTON, MA 02210				Form filed by More than One Reporting Person			
(City)	(Stata)	(7in)					

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or B							cially 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 Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	03/19/2012		Code V	Amount 60,000	(A) or (D)	Price \$ 32.04	Transaction(s) (Instr. 3 and 4) 77,491	(Instr. 4)	
Common Stock	03/19/2012		S	60,000	D	\$ 43.25 (1)	17,491	D	
Common							8,568.6875	T	Through the Trustees for the

(2)

Corporation's Retirement Savings Plan

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

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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 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. Transactic Code (Instr. 8)	TransactionDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 32.04	03/19/2012		M		60,000	(3)	05/07/2013	Common Stock	60,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Keohane Sean D C/O CABOT CORPORATION TWO SEAPORT LANE BOSTON, MA 02210

Vice President

Signatures

By: Karen Abrams, pursuant to a power of attorney from Sean D. Keohane

03/20/2012

**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).
- The price reported is a weighted average sale price. These shares were sold in multiple transactions at prices ranging from \$42.85 to

 (1) \$43.56, inclusive. The reporting person undertakes to provide to the staff of the Securities and Exchange Commission, the Corporation or any security holder of the Corporation, upon request, full information regarding the number of shares sold at each separate price.
- (2) Reflects retirement plan contributions by the Corporation, including contributions that have occurred since the date of the reporting person's last ownership report.

Reporting Owners 2

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(3) The option vested on May 8, 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.