THOMAS LYDIA W

Form 4 March 20, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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).

(Print or Type Responses)

1. Name and Address of Reporting Person ** THOMAS LYDIA W			2. Issuer Name and Ticker or Trading Symbol CABOT CORP [CBT]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an approach)			
			(Month/Day/Year)	X Director 10% Owner			
C/O CABOT			03/19/2012	Officer (give title Other (specify			
CORPORA	TION, TWC	SEAPORT		below) below)			
LANE	,						
	(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			
BOSTON, MA 02210				Form filed by More than One Reporting Person			
(City)	(Stata)	(7in)					

(City)	(State) (Table	e I - Non-D	erivative (Secur	ities Acq	uired, Disposed of	f, or Beneficiall	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ties A	cquired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	n(A) or Di	Securities	Form: Direct	Indirect		
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Indirect (I)	Ownership
							Following	(Instr. 4)	(Instr. 4)
					(4)		Reported		
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	03/19/2012		S	3,000	D	\$ 42.95 (1)	29,908	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date Exercisable	Expiration Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

THOMAS LYDIA W C/O CABOT CORPORATION TWO SEAPORT LANE BOSTON, MA 02210

X

Signatures

By: Karen Abrams, pursuant to a power of attorney from Lydia W. Thomas

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 \$42.94 to (1) \$42.97, 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.

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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