Mason Jonathan P
Form 4
February 17, 2009

FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

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

OMB APPROVAL	
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(Print or Type Responses)

1. Name and Address of Reporting Person * Mason Jonathan P	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 (Month/Day/Year) 02/13/2009	_____ Director　　　_____ 10% Owner __X__ Officer (give title _____ Other (specify below)　　　　　　　below) Executive Vice President, CFO
C/O CABOT CORPORATION, TWO SEAPORT LANE		
(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 ___ Form filed by More than One Reporting Person
BOSTON, MA 02210		
(City)　　(State)　　(Zip)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/13/2009		D		22,500	D	$ 10.57	64,134	D	
Common Stock	02/13/2009		D		23,800	D	$ 12.87	40,334	D	
Common Stock	02/13/2009		D		37,000	D	$ 9.61	3,334	D	
Common Stock								2,920 [(1)]	I	Through the Trustees for the Corporation's

Retirement
Savings Plan

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
				Code V (A) (D)							

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mason Jonathan P C/O CABOT CORPORATION TWO SEAPORT LANE BOSTON, MA 02210			Executive Vice President, CFO	

Signatures

By: Karen Abrams, pursuant to a power of attorney from Jonathan P. Mason

02/17/2009

**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) Reflects retirement plan contributions by the Corporation, including contributions that have occurred since the date of the reporting person's last ownership report. In connection with his resignation from the Corporation on February 13, 2009, Mr. Mason will forfeit his unvested account balance of 1,752 shares.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Explanation of Responses: 3