FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

D.C. 20549	OMB APPROVAL
	OND ALL NOVAL

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* MCCANCE HENRY F				2. Issuer Name and Ticker or Trading Symbol CABOT CORP [CBT]								(Chec	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
IVICCII	TICL III.	NICI I												X	Director			10% Ow	ner
(Last)	(F	irst)	(Middle)		3. Date of Earliest Transaction (Month/Day/Year)								Officer (below)	give title		Other (s below)	pecify		
C/O CAI	BOT CORP	ORATION		10)9/30/2	2012													
TWO SE	ADORT I	NE		L															
TWO SEAPORT LANE			4	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable						
(Street)														Line)	Form file	nd by One	Donor	ting Person	
BOSTO	N 1/	ΙA	02210											X		,		J	
DOUTO			02210												Person	ea by Mor	e tnan (One Report	ing
(0::)	(0		(:)																
(City)	(S	tate)	(Zip)																
		Ta	able I - Non-I	Derivat	ive S	ecurities	s Ac	quir	ed, Di	isp	osed c	of, or E	3ene	ficially	Owned				
Date			. Transact				(A) or	5. Amount				7. Nature of							
			(Month/Day/Year)		Execution Date, if any		Code (Instr.		d Of (D) (Instr. 3, 4 a		3, 4 and 5)	Beneficial		ly (D) or		Indirect Beneficial			
						(Month/Day/Year		ar) 8)						Owned Fo	ollowing (I) (Ins			Ownership (Instr. 4)	
								c	ode V		Amount	(4	() or	Price	Transaction(s) (Instr. 3 and 4)			- [(
												(1	"		(IIISII. 3 al	iu 4)			
			Table II - De												wned				
			(e.	.g., put	ts, ca	lls, warr	ants	s, op	tions,	co	nverti	ble se	curi	ties)					
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. Transa Code 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expir	6. Date Exercisable a Expiration Date (Month/Day/Year)			and 7. Title and Amo Securities Unde Derivative Secu (Instr. 3 and 4)		derlying curity	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
				1		(A)	(D)			_	xpiration ate			mount or		(Instr. 4)	1011(3)		
				Code	v			Date Exerc	cisable	Da		Title		umber of hares					
Phantom	(1)	00/00/00/0		1.					(2)		(2)	Commo	on c	76 70 42			(4)	_	1
Stock Units	(1)	09/30/2012		A		676.7842		'	(2)		(3)	Stock		76.7842	\$36.57	16,333.3	132(4)	D	

Explanation of Responses:

- 1. 1 for 1
- 2. Immediately exercisable
- $3. \ The \ shares \ of \ phantom \ stock \ become \ payable \ upon \ the \ reporting \ person's \ termination \ of \ service \ as \ a \ director.$
- 4. On July 10, 2012, Cabot's Board of Directors declared a dividend of \$0.20 per share on Cabot common stock, payable on September 14, 2012 to all holders of record of common stock on August 31, 2012. Mr. McCance received a dividend on his phantom stock units totalling \$3,115.44, which was immediately reinvested in phantom stock units at a price of \$39.27 per share. As a result, 79.3338 phantom stock units were allocated to Mr. McCance on September 14, 2012.

Remarks:

By: Karen Abrams, pursuant to a power of attorney from Henry 10/01/2012

** Signature of Reporting Person Date

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

- * 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).

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

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 Number.