SAUER BRAD T Form 5

January 15, 2010

FORM 5

OMB APPROVAL

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

OMB 3235-0362 Number: January 31, Expires:

no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box if

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ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

response... 1.0

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer SAUER BRAD T Symbol 3M CO [MMM] (Check all applicable) (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) Director 10% Owner _X_ Officer (give title 12/31/2009 _ Other (specify below) below) 3M CENTER EXEC VP HEALTH CARE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year)

ST. PAUL, MNÂ 55144-1000

X Form Filed by One Reporting Person _ Form Filed by More than One Reporting Person

(check applicable line)

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							cially 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. Securit (A) or Dis (D) (Instr. 3, 4)	sposed	of	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/03/2009	Â	G	240	D	\$0	53,442	D	Â
Common Stock	12/31/2009	Â	<u>J(1)</u>	25,481	D	\$ (2)	27,961	D	Â
Common Stock	12/31/2009	Â	<u>J(1)</u>	12,937	D	\$ (2)	15,024	D	Â
Common Stock	Â	Â	Â	Â	Â	Â	1,396 (3)	I	By 401k/paesop

Trust

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

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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 Derivative Securities Acquired (or Dispose (D) (Instr. 3, 4, and 5)	(A) ed of	Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	Â	12/31/2009	Â	J <u>(1)</u>	25,481	Â	(4)	(4)	Common Stock	25,481
Restricted Stock Units	Â	12/31/2009	Â	J <u>(1)</u>	12,937	Â	(5)	(5)	Common Stock	12,937

Reporting Owners

Reporting Owner Name / Address	Relationships						
FB	Director	10% Owner	Officer	Other			
SAUER BRAD T 3M CENTER ST. PAUL, MN 55144-1000	Â	Â	EXEC VP HEALTH CARE	Â			

Signatures

George Ann Biros, attorney-in-fact for Brad T.
Sauer
01/15/2010

**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) Due to reporting automation changes instituted by Issuer's stock plan vendor, the reporting person's restricted stock units will be reported on Table II going forward. This transaction indicates the number of restricted stock units that will be transferred to Table II.
- (2) Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- (3) Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

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- (4) The restricted stock units will vest 100% three years from the grant date (3/3/2008).
- (5) The restricted stock units will vest 100% three years from the grant date (2/9/2009).

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.