SAUER BRAD T Form 4 March 05, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number: January 31,

OMB APPROVAL

2005 Estimated average

burden hours per response... 0.5

Expires:

5. Relationship of Reporting Person(s) to

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

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

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

SAUER BRAD T		,	Symbol 3M CO [MMM]				Issuer (Check all applicable)				
(Last) (First) ((Mont)	3. Date of Earliest Transaction (Month/Day/Year) 03/02/2012				(Check all applicable) Director 10% Owner _X_ Officer (give title Other (specbelow) EXEC VP HEALTH CARE				
ST. PAUL	(Street)	Filed(M	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				
(City)	(State)	(Zip) Ta	able I - Non-	-Derivative	Secu	rities Aco	quired, Disposed	of, or Benefi	cially Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code	Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)				6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)			
Common Stock	03/02/2012		M	25,481	A	\$ 87.52	41,687	D			
Common Stock	03/02/2012		F	10,881	D	\$ 87.52	30,806	D			
Common Stock							1,477 <u>(3)</u>	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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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)

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)	5. Number of orDerivative 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. I De Sec (In
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	(1)	03/02/2012		M		25,481	(2)	(2)	Common Stock	25,481	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SAUER BRAD T

3M CENTER EXEC VP HEALTH CARE

ST. PAUL, MN 55144-1000

Signatures

George Ann Biros, attorney-in-fact for Brad T.

Sauer

03/05/2012

**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).
- (1) Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- (2) The restricted stock units will vest 100% four years from the grant date (3/3/2008).
- (3) Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

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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