

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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 * <u>SMITH MARSCHALL</u> (Last) (First) (Middle) <u>3M CENTER</u> (Street) <u>ST. PAUL MN 55144-1000</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>3M CO [MMM]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) X <u>VICE PRESIDENT LEGAL</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/30/2010</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	09/30/2010		S		328 ⁽¹⁾	D	\$87.93	2,832	D	
Common Stock	09/30/2010		S		100 ⁽¹⁾	D	\$87.9318	2,732	D	
Common Stock	09/30/2010		S		100 ⁽¹⁾	D	\$87.9354	2,632	D	
Common Stock	09/30/2010		S		300 ⁽¹⁾	D	\$87.94	2,332	D	
Common Stock	09/30/2010		S		100 ⁽¹⁾	D	\$87.9418	2,232	D	
Common Stock	09/30/2010		S		100 ⁽¹⁾	D	\$87.945	2,132	D	
Common Stock	09/30/2010		S		100 ⁽¹⁾	D	\$87.95	2,032	D	
Common Stock	09/30/2010		S		100 ⁽¹⁾	D	\$87.96	1,932	D	
Common Stock	09/30/2010		S		100 ⁽¹⁾	D	\$87.98	1,832	D	
Common Stock	09/30/2010		S		200 ⁽¹⁾	D	\$88	1,632	D	
Common Stock								358 ⁽²⁾	I	401k/Paesop Trust

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 11, 2010.
- Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

George Ann Biros, attorney-in-fact 10/01/2010
for Marschall Smith

** 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.