

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

1. Name and Address of Reporting Person * <u>BUCKLEY GEORGE W</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) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>CHAIRMAN OF THE BOARD &amp; CEO</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/06/2010</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	12/06/2010		M		132,808 <sup>(2)</sup>	A	\$86.88	176,039	D		
Common Stock	12/06/2010		F		56,710 <sup>(2)</sup>	D	\$86.88	119,329	D		
Common Stock	12/06/2010		M		10,797 <sup>(3)</sup>	A	\$86.88	130,126	D		
Common Stock	12/06/2010		F		4,611 <sup>(3)</sup>	D	\$86.88	125,515	D		

**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						Title
Restricted Stock Units	(1)	12/06/2010		M			132,808	(4)	(4)	Common Stock	132,808	\$0	0	D	
Restricted Stock Units	(1)	12/06/2010		M			10,797	(5)	(5)	Common Stock	10,797	\$0	0	D	

**Explanation of Responses:**

- Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- Distribution of shares as a result of vesting of a portion of the restricted stock units (56,710 shares withheld for taxes).
- Distribution of shares as a result of vesting of a portion of the restricted stock units (4,611 shares withheld for taxes).
- The terms of the initial award (157,808 restricted stock units) provided for vesting as follows: 25,000 restricted stock units on 12/31/2006 and 132,808 on 12/6/2010.
- The terms of the initial award (50,000 restricted stock units) provided for vesting in five equal annual installments on the anniversary of the grant date, 12/6/2005.

George Ann Biros, attorney-in-fact 12/07/2010  
for George W. Buckley

\*\* 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.

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