

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL	
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**ANNUAL 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).

Form 3 Holdings Reported.

Form 4 Transactions Reported.

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. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <u>12/31/2009</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 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)
				Amount	(A) or (D)	Price			
Common Stock	12/31/2009		J <sup>(1)</sup>	219,889	D	(2)	42,832	D	
Common Stock							592 <sup>(3)</sup>	I	By 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)
					(A)	(D)	Date Exercisable	Expiration Date					
Restricted Stock Units	(2)	12/31/2009		J <sup>(1)</sup>	132,808		(4)	(4)	Common Stock 132,808	(2)	132,808	D	
Restricted Stock Units	(2)	12/31/2009		J <sup>(1)</sup>	10,755		(5)	(5)	Common Stock 10,755	(2)	10,755	D	
Restricted Stock Units	(2)	12/31/2009		J <sup>(1)</sup>	72,261		(6)	(6)	Common Stock 72,261	(2)	72,261	D	
Restricted Stock Units	(2)	12/31/2009		J <sup>(1)</sup>	4,065		(7)	(7)	Common Stock 4,065	(2)	4,065	D	

**Explanation of Responses:**

- 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.
- Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.
- 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.
- The restricted stock units will vest 100% three years from the grant date (2/9/2009).
- The terms of the initial award (5,420 restricted stock units) provided for vesting in four equal installments commencing 12/31/2009.

George Ann Biros, attorney-in-fact 01/15/2010  
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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