

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>Meline David W</u> (Last) (First) (Middle) 3M CENTER (Street) ST PAUL MN 55144-1000 (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) SR VP & CHIEF FINANCIAL OFCR
	3. Date of Earliest Transaction (Month/Day/Year) 10/26/2012	
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	04/30/2012		G	V	1,475 ⁽¹⁾	A	\$0	1,475	I	By spouse
Common Stock	04/30/2012		G	V	1,475 ⁽¹⁾	D	\$0	6,566	D	
Common Stock	10/26/2012		M		16,636 ⁽²⁾	A	\$54.11	23,202	D	
Common Stock	10/26/2012		S		12,482 ⁽²⁾	D	\$87.8	10,720	D	
Common Stock	10/26/2012		S		506 ⁽²⁾	D	\$87.81	10,214	D	
Common Stock								181 ⁽³⁾	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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Non-qualified Stock Option (Right to Buy)	\$54.11	10/26/2012		M			16,636 ⁽²⁾	02/09/2010	02/08/2019	Common Stock	\$0	0	D	

Explanation of Responses:

- This transaction involved a gift of securities by the reporting person to his spouse. The reporting person disclaims beneficial ownership of the shares held by his spouse, and this report should not be deemed an admission that the reporting person is the beneficial owner of his spouse's shares for the purposes of Section 16 or for any other purpose.
- This Form is being filed to report the exercise of a 3M stock option by means of a cashless-sell-to-cover method (selling enough shares to cover option share purchase price, fee and taxes).
- Includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

/s/ George Ann Biros, attorney-in-fact for David W. Meline 10/29/2012

** 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.