

Harlan Joe E
Form 4/A
February 23, 2011

FORM 4

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

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Harlan Joe E

2. Issuer Name and Ticker or Trading Symbol
3M CO [MMM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
3M CENTER

3. Date of Earliest Transaction (Month/Day/Year)
02/07/2011

____ Director
 Officer (give title below) _____ Other (specify below)
EXEC VP CONSUMER & OFFICE

(Street)
ST. PAUL, MN 55144-1000

4. If Amendment, Date Original Filed (Month/Day/Year)
02/09/2011

6. Individual or Joint/Group Filing (Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

(City) (State) (Zip)

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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	02/07/2011		A		5,061.24 (1)	A	\$ 0
Common Stock	02/07/2011		F		1,655.24 (1)	D	\$ 89.47
							12,782.24
							11,127 (2)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

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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 Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Harlan Joe E 3M CENTER ST. PAUL, MN 55144-1000			EXEC VP CONSUMER & OFFICE	

Signatures

George Ann Biros, attorney-in-fact for Joe E.
Harlan
Date: 02/23/2011

**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) On February 9, 2011, the reporting person reported the imminent delivery of a number of shares of 3M Common Stock earned as a result of the 2008 performance shares awarded to such person under the 3M Performance Unit Plan. The number of shares to be withheld from this delivery for the payment of withholding taxes was unknown. This amendment is being filed to update the Form 4 with the number of shares used for tax withholding, in addition to correcting the number of shares to be delivered. The amount reported on February 9, 2011 reflected a rounded whole number of shares, while the amount of shares actually earned includes a fractional share of stock. This updated Form 4 reflects the shares earned without rounding.

(2) Includes shares acquired under 3M's General Employee Stock Purchase Plan.

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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