

Harlan Joe E
Form 4
May 20, 2011

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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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

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

ST. PAUL, MN 55144-1000

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
05/18/2011

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
EXEC VP CONSUMER & OFFICE

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

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	05/18/2011		S		100 D \$ 93.75	22,743	D
Common Stock	05/18/2011		S		100 D \$ 93.76	22,643	D
Common Stock	05/18/2011		S		100 D \$ 93.79	22,543	D
Common Stock	05/18/2011		S		100 D \$ 93.85	22,443	D
Common Stock	05/18/2011		S		200 D \$ 93.86	22,243	D

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Common Stock	05/18/2011	S	300	D	\$ 93.87	21,943	D
Common Stock	05/18/2011	S	100	D	\$ 93.88	21,843	D
Common Stock	05/18/2011	S	200	D	\$ 93.89	21,643	D
Common Stock	05/18/2011	S	100	D	\$ 93.895	21,543	D
Common Stock	05/18/2011	S	700	D	\$ 93.9	20,843	D
Common Stock	05/18/2011	S	500	D	\$ 93.91	20,343	D
Common Stock	05/18/2011	S	400	D	\$ 93.92	19,943	D
Common Stock	05/18/2011	S	600	D	\$ 93.93	19,343	D
Common Stock	05/18/2011	S	700	D	\$ 93.94	18,643	D
Common Stock	05/18/2011	S	762	D	\$ 93.95	17,881	D
Common Stock	05/18/2011	S	200	D	\$ 93.96	17,681	D
Common Stock	05/18/2011	S	200	D	\$ 93.97	17,481	D
Common Stock	05/18/2011	S	100	D	\$ 93.98	17,381	D
Common Stock	05/18/2011	S	100	D	\$ 93.99	17,281	D
Common Stock	05/18/2011	S	300	D	\$ 94	16,981	D
Common Stock	05/18/2011	S	100	D	\$ 94.005	16,881	D
Common Stock	05/18/2011	S	500	D	\$ 94.01	16,381	D
Common Stock	05/18/2011	S	500	D	\$ 94.02	15,881	D
Common Stock	05/18/2011	S	100	D	\$ 94.025	15,781	D
Common Stock	05/18/2011	S	600	D	\$ 94.03	15,181	D
	05/18/2011	S	300	D	\$ 94.04	14,881	D

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).

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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