

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>Harlan Joe E</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) X EXEC VP CONSUMER & OFFICE
	3. Date of Earliest Transaction (Month/Day/Year) 05/18/2011	
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	05/18/2011		S		234	D	\$93.97	20,347	D	
Common Stock	05/18/2011		S		1,056	D	\$93.98	19,291	D	
Common Stock	05/18/2011		S		710	D	\$93.99	18,581	D	
Common Stock	05/18/2011		S		1,691	D	\$94	16,890	D	
Common Stock	05/18/2011		S		200	D	\$94.005	16,690	D	
Common Stock	05/18/2011		S		109	D	\$94.01	16,581	D	
Common Stock	05/18/2011		S		265	D	\$94.02	16,316	D	
Common Stock	05/18/2011		S		635	D	\$94.03	15,681	D	
Common Stock	05/18/2011		S		100	D	\$94.04	15,581	D	
Common Stock	05/18/2011		S		1,000	D	\$94.067	14,581	D	
Common Stock	05/18/2011		S		1,000	D	\$94.155	13,581	D	
Common Stock	05/18/2011		M		33,119	A	\$54.11	46,700	D	
Common Stock	05/18/2011		S		5,200	D	\$93	41,500	D	
Common Stock	05/18/2011		S		300	D	\$93.01	41,200	D	
Common Stock	05/18/2011		S		100	D	\$93.02	41,100	D	
Common Stock	05/18/2011		S		100	D	\$93.07	41,000	D	
Common Stock	05/18/2011		S		100	D	\$93.0775	40,900	D	
Common Stock	05/18/2011		S		1,000	D	\$93.13	39,900	D	
Common Stock	05/18/2011		S		200	D	\$93.14	39,700	D	
Common Stock	05/18/2011		S		149	D	\$93.22	39,551	D	
Common Stock	05/18/2011		S		370	D	\$93.23	39,181	D	
Common Stock	05/18/2011		S		100	D	\$93.24	39,081	D	
Common Stock	05/18/2011		S		100	D	\$93.27	38,981	D	
Common Stock	05/18/2011		S		100	D	\$93.31	38,881	D	
Common Stock	05/18/2011		S		100	D	\$93.32	38,781	D	
Common Stock	05/18/2011		S		1,000	D	\$93.33	37,781	D	
Common Stock	05/18/2011		S		220	D	\$93.35	37,561	D	
Common Stock	05/18/2011		S		1,277	D	\$93.36	36,284	D	
Common Stock	05/18/2011		S		100	D	\$93.3623	36,184	D	
Common Stock	05/18/2011		S		2,503	D	\$93.37	33,681	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	Amount or Number of Shares				

Explanation of Responses:

George Ann Biros, attorney-in-fact 05/20/2011  
for Joe E. Harlan

\*\* 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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