

3M CO
Reported by
HARLAN JOE E

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 05/20/11 for the Period Ending 05/18/11

Address	3M CENTER BLDG. 220-11W-02 ST PAUL, MN 55144-1000
Telephone	6517332204
CIK	0000066740
Symbol	MMM
SIC Code	3841 - Surgical and Medical Instruments and Apparatus
Industry	Constr. - Supplies & Fixtures
Sector	Capital Goods
Fiscal Year	12/31

FORM 4

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

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

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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(f) of the
Investment Company Act of 1940

1. Name and Address of Reporting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
Harlan Joe E	3M CO [MMM]	<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner
(Last) (First) (Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)	<input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)
3M CENTER	5/18/2011	EXEC VP CONSUMER & OFFICE
(Street)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line)
ST. PAUL, MN 55144-1000		<input checked="" type="checkbox"/> Form filed by One Reporting Person
(City) (State) (Zip)		<input type="checkbox"/> 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	5/18/2011		S		100	D	\$92.84	51760	D	
Common Stock	5/18/2011		S		100	D	\$92.88	51660	D	
Common Stock	5/18/2011		S		100	D	\$92.99	51560	D	
Common Stock	5/18/2011		S		100	D	\$92.9904	51460	D	
Common Stock	5/18/2011		S		100	D	\$92.995	51360	D	
Common Stock	5/18/2011		S		800	D	\$93.00	50560	D	
Common Stock	5/18/2011		S		400	D	\$93.01	50160	D	
Common Stock	5/18/2011		S		300	D	\$93.02	49860	D	
Common Stock	5/18/2011		S		200	D	\$93.03	49660	D	
Common Stock	5/18/2011		S		200	D	\$93.04	49460	D	
Common Stock	5/18/2011		S		300	D	\$93.05	49160	D	
Common Stock	5/18/2011		S		265	D	\$93.08	48895	D	
Common Stock	5/18/2011		S		235	D	\$93.09	48660	D	
Common Stock	5/18/2011		S		500	D	\$93.11	48160	D	
Common Stock	5/18/2011		S		400	D	\$93.12	47760	D	
Common Stock	5/18/2011		S		100	D	\$93.13	47660	D	
Common Stock	5/18/2011		S		700	D	\$93.14	46960	D	
Common Stock	5/18/2011		S		600	D	\$93.15	46360	D	

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1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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	5/18/2011		S		400	D	\$93.16	45960	D	
Common Stock	5/18/2011		S		500	D	\$93.17	45460	D	
Common Stock	5/18/2011		S		500	D	\$93.18	44960	D	
Common Stock	5/18/2011		S		500	D	\$93.19	44460	D	
Common Stock	5/18/2011		S		400	D	\$93.20	44060	D	
Common Stock	5/18/2011		S		200	D	\$93.21	43860	D	
Common Stock	5/18/2011		S		300	D	\$93.22	43560	D	
Common Stock	5/18/2011		S		300	D	\$93.23	43260	D	
Common Stock	5/18/2011		S		300	D	\$93.24	42960	D	
Common Stock	5/18/2011		S		400	D	\$93.25	42560	D	
Common Stock	5/18/2011		S		300	D	\$93.26	42260	D	
Common Stock	5/18/2011		S		200	D	\$93.27	42060	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

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

5/20/2011

** 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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