

3M CO
Reported by
MORRISON ROBERT S

FORM 4
(Statement of Changes in Beneficial Ownership)

Filed 08/14/07 for the Period Ending 08/13/07

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

3M CO

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 8/14/2007 For Period Ending 8/13/2007

Address	3M CENTER BLDG. 220-11W-02 ST PAUL, Minnesota 55144-1000
Telephone	651-733-2204
CIK	0000066740
Industry	Conglomerates
Sector	Conglomerates
Fiscal Year	12/31

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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

OMB APPROVAL
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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)	
MORRISON ROBERT S		3M CO [MMM]		<input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
(Last) (First) (Middle)		3. Date of Earliest Transaction (MM/DD/YYYY)			
600 E. WESTMINSTER		8/13/2007			
(Street)		4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)	
LAKE FOREST, IL 60045				<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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. 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	8/13/2007		A		216 (1)	A	\$86.79	9079	I	by Corporation
Common Stock								4280	D	
Common Stock								226	I	by 401k/PAESOP Trust

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	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

- (1) This nonemployee director has elected to defer all or a portion of compensation otherwise payable in cash to a common stock equivalents account under the terms of 3M's Director Compensation Plan and has no voting or investment powers with respect to such account. The indirectly-held common stock holding (by Corporation) reported in Table I includes deferred dividend reinvestment shares acquired pursuant to 3M's Director Compensation Plan.

Remarks:

The indirectly-held common stock holding (401k/PAESOP) reported in Table I includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment Plan.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MORRISON ROBERT S				

600 E. WESTMINISTER LAKE FOREST, IL 60045	X			
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Signatures

By: GeorgeAnn Biros For: Robert S Morrison

8/14/2007

** 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 control number.