

3M CO
Reported by
ZIEGLER RICHARD F

FORM 5
(Annual Statement of Changes in Beneficial Ownership)

Filed 02/02/04 for the Period Ending 12/31/03

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 5

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

OMB APPROVAL
OMB Number: 3235-0362
Expires: January 31, 2005
Estimated average burden
hours per response... 1.0

[] Check this box if no
longer subject to Section 16.
Form 4 or Form 5
obligations may continue.
See Instruction 1(b).
[] Form 3 Holdings
Reported
[] Form 4 Transactions
Reported

ANNUAL 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)
ZIEGLER RICHARD F	3M CO [MMM]	<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Sr. VP & General Counsel
(Last) (First) (Middle)	3. Statement for Issuer's Fiscal Year Ended (MM/DD/YYYY)	
3M CENTER BLDG 0220-14W-07	12/31/2003	
(Street)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line)
ST PAUL, MN 551441000		<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)
Common Stock (3)				Amount (A) or (D) Price	12073	D	
Common Stock (2)					108 (1)	I	By 401k/PAESOP

Table II - Derivative Securities Acquired, Disposed of, or 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 (MM/DD/YYYY)	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 at End of Issuer's Fiscal Year (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
Non-Qualified Stock Option (right to buy)	\$61.8500				(A) (D)	Date Exercisable 5/14/2003 Expiration Date 5/12/2013	Title Common Stock Amount or Number of Shares 46000		46000	D	

Explanation of Responses:

- (1) On September 29, 2003, the common stock of 3M Company split 2-for-1. The shares of common stock reported on Table I and all options reported on Table II have been adjusted to reflect the split.
- (2) 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.
- (3) The directly-held common stock holding reported in Table I includes shares acquired during the fiscal year pursuant to 3M's General Employee Stock Purchase Plan.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ZIEGLER RICHARD F 3M CENTER BLDG 0220-14W-07 ST PAUL, MN 551441000			Sr. VP & General Counsel	

Signatures

George Ann Biros For: Richard F. Ziegler

1/30/2004

** 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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