3M CO Form 4 May 08, 2006

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * MAHAN JAMES T | | | 2. Issuer Name and Ticker or Trading Symbol 3M CO [MMM] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | |
|---|------------------|--|---|--|--|--|
| (Last) | (First) (Middle) | | 3. Date of Earliest Transaction | (= approacie) | | |
| 3M CENTER (Street) | | | (Month/Day/Year) 05/04/2006 | Director 10% Owner X_ Officer (give title Other (specify below) VICE PRESIDENT ENGRG MFG & LOG | | |
| | | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | |
| | | | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person | | |
| ST. PAUL, MN 55144-1000 | | | | Form filed by More than One Reporting Person | | |

| | | | | | | | i cison | | |
|--------------------------------------|--------------------------------------|---|--|---|--------|-----------|--|--|--|
| (City) | (State) | (Zip) Tak | -Derivativ | uired, 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. Transactic Code (Instr. 8) | | sed of | ` ′ | 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 | 05/04/2006 | | M | 1,270 | A | \$ 62.65 | 21,267 | D | |
| Common Stock | 05/04/2006 | | F | 922 | D | \$ 86.255 | 20,345 | D | |
| Common Stock | 05/04/2006 | | F | 113 | D | \$ 86.255 | 20,232 | D | |
| Common Stock | 05/04/2006 | | M | 252 | A | \$ 64.5 | 20,484 | D | |
| Common Stock | 05/04/2006 | | F | 188 | D | \$ 86.255 | 20,296 | D | |

OMB APPROVAL

Estimated average

burden hours per

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January 31,

2005

0.5

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response...

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| Common Stock | 05/04/2006 | F | 20 | D | \$ 86.255 | 20,276 | D | |
|-----------------|------------|---|-------|---|---------------|--------|---|----------------------------|
| Common Stock | 05/04/2006 | M | 2,172 | A | \$ 31.5175 | 22,448 | D | |
| Common Stock | 05/04/2006 | F | 793 | D | \$ 86.255 | 21,655 | D | |
| Common Stock | 05/04/2006 | S | 5,000 | D | \$ 86.4764 | 16,655 | D | |
| Common Stock | | | | | | 3,739 | I | by 401k/PAESOP Trust |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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.

SEC 1474 (9-02)

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) | | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amour Underlying Securit (Instr. 3 and 4) | |
|---|---|--------------------------------------|---|--------|---------|--|--------------------|--|---------------------------------|
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amo or Num of Share |
| Incentive Stock Option (right to buy) | \$ 31.5175 | 05/04/2006 | | M | 2,172 | 05/14/1997 | 05/14/2006 | Common Stock | 2,1 |
| Non-Qualified Stock Option (right to buy) | \$ 62.65 | 05/04/2006 | | M | 1,270 | 12/03/2002 | 05/12/2006 | Common Stock | 1,2 |
| Non-Qualified Stock Option (right to buy) | \$ 64.5 | 05/04/2006 | | M | 252 | 09/19/2003 | 05/12/2006 | Common Stock | 25 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Reporting Owners 2

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Director 10% Owner Officer Other

MAHAN JAMES T 3M CENTER ST. PAUL, MN 55144-1000

VICE PRESIDENT ENGRG MFG & LOG

Signatures

By: George Ann Biros For: James T Mahan 05/08/2006

**Signature of Reporting Person Date

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).

Remarks:

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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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