FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | | | |
| Estimated average burden | | | | | | | | | | |
| hours per response: | 0.5 | | | | | | | | | |

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

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

| 1. Name and Address of Reporting Person * Hardgrove Ian F | | | | | 2. Issuer Name and Ticker or Trading Symbol 3M CO [MMM] | | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
|--|---|----------------------------------|------------------------|---------|---|---|---|---|---|---|--------------------------|--|---|---|--|--|--|--|--|
| (Last) 3M CENTER | (First) | (M | (Middle) | | | | 3. Date of Earliest Transaction (Month/Day/Year) 10/29/2014 | | | | | | | | give title Sr. Vi | Other (specify below) | | (specify | |
| (Street) ST. PAUL | MN | 55 | 5144-1000 | 4. If A | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | Individual or Joint/Group Filing (Check Applicable Line X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| (City) | (State) | (Zi | ip) | | | | | | | | | | | | | | | | |
| | | Та | able I - No | on-Der | ivative | Sec | curitie | s Acc | quired | l, Dis | posed of | , or Bene | ficially (| Owned | | | | | |
| Da | | | (Month/Day/Year) | | Exe) if ar | 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. Amount of Securities Beneficially Owned Following Reported | | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | | | (Instr. 4) | | |
| Common Stock 10/29 | | | | | /2014 | | | | S | | 600 | D | \$150.92 | 10,23 | 6 | I |) | | |
| Common Stock 10 | | | 10/29 | 9/2014 | | | | G | V | 700 | D | \$0 | 9,536 | | D | | | | |
| Common Stock | | | | | | | | | | | | | | 790(1 |) | | | By 401k/paesop Trust | |
| | | | Table II - | | | | | | | | osed of, o onvertible | | | ned | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | ercise (Month/Day/Year) of ative | Execution Date, if any | | 4. Transact Code (In 8) | | | | 6. Date Exer Expiration D (Month/Day/ | | Date | 7. Title and Amount Securities Underlyin Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Num derivat Securi Benefi Owned Follow Report | tive ties cially I ring ted | 10. Ownershi Form: Direct (D) or Indirect (I) (Instr. | Beneficial Ownership ct (Instr. 4) | |
| | | | | | Code | v | (A) | (D) | Date Exerc | cisable | Expiration Date | Title | Amount or Number of Share | 5 | Trans: (Instr. | | | | |

Explanation of Responses:

1. Includes shares acquired pursuant to the 3M Voluntary Investment Plan.

Remarks:

2 of 2

/s/ Sheila B. Claugherty, attorney- 10/30/2014 in-fact for Ian F. Hardgrove

** 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 Number.