FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | |
|--------------------------|-----------|--|--|--|--|--|--|--|
| OMB Number: | 3235-0362 | | | | | | | |
| 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.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

| Form 4 Transac | tions Reported | | | | | | estment Con | | | 1004 | | | | | | | |
|--|--|--|---|------------|---|----|--|----------|--|-------|--|--|--|----------------|---|---|--|
| 1. Name and Address of Reporting Person * SAUER BRAD T | | | | 1 | 2. Issuer Name and Ticker or Trading Symbol 3M CO [MMM] | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | |
| (Last) 3M CENTER | (First) | rst) (Middle) | | | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2013 | | | | | | X | Officer (gives) | | | Other (specify below) | | |
| (Street) ST. PAUL (City) | MN (State) | 55 (Zip | 144-1000 | 4. If Amen | 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 | | | | | |
| | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) | | | | | 3. Transaction Code (Instr | | | | | ` ′ | (D) 5. Amount of Securities Beneficially Owned | | 6. Ownership Form: Direct (D) or Indirect | | 7. Nature of Indirect Beneficial | | |
| | | | (, | (Month/Day | /Year) | 8) | Amount | (A (D | a) or)) | Price | - 1 | at end of Issuer's Fiscal Year (Instr. 3 and 4) | | (I) (Instr. 4) | | Ownership (Instr. 4) | |
| Common Stock | | | 12/20/2013 | | | G | 154 | 154 | | \$0 | | 20,869 | | D | | | |
| Common Stock | | | | | | | | | | | | 1,536 ⁽¹⁾ | | I | | By 401k/paesop Trust | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | |
| Derivative Conversion Date | | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, ff any (Month/Day/Year) 4. Transaction 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 (Month/Day/Year) | | 7. Title and Amo Securities Under Derivative Secur 3 and 4) | | erlying | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following | | 10. Ownershi Form: Direct (D) or Indirec (I) (Instr. 4 | Beneficial Ownership t (Instr. 4) | |
| | | | | | (A) (D) Exercisable Expiration Date Ti | | Title | | Amount or Number of Share | | Reported Transaction(s) (Instr. 4) | | | | | | |

Explanation of Responses:

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

George Ann Biros, attorney-in-fact on Brad T. Sauer 01/07/2014

** Signature of Reporting Person Da

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.