Woodworth John K Form 4 February 10, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

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response...

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

obligations

Check this box

may continue.

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)

See Instruction

1. Name and Address of Reporting Person * Woodworth John K

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

3M CO [MMM] (First) (Middle) (Last)

3. Date of Earliest Transaction

Director 10% Owner X_ Officer (give title Other (specify

(Check all applicable)

3M CENTER

(Month/Day/Year) 02/09/2010

below) below) VICE PRESIDENT CORP SC OPERTNS

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

ST. PAUL, MN 55144-1000

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

any

4. 5. Number of Transaction Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amou Underlying Securi (Instr. 3 and 4)

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(Instr. 3)	Derivative Security		(Month/Day/Year)	(Instr. 8	or Dispose (D) (Instr. 3, 4, and 5)	ed of				
				Code	V (A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Nun of S
Restricted Stock Units	(1)	02/09/2010		A	6,987		(2)	(2)	Common Stock	6,9
Non-qualified Stock Option (Right to Buy)	\$ 78.72	02/09/2010		A	23,472 (3)		02/09/2011	02/07/2020	Common Stock	23,

(M. 41/D. /N.) (T. (0) A . . . 1/A)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Woodworth John K 3M CENTER ST. PAUL, MN 55144-1000

VICE PRESIDENT CORP SC OPERTNS

Signatures

George Ann Biros, attorney-in-fact for John K.
Woodworth

02/10/2010

**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).
- (1) Each restricted stock unit represents a contingent right to receive one share of 3M common stock.
- (2) The restricted stock units will vest in equal installments on each of the first three anniversaries of the grant date (2/9/2010).
- (3) This option becomes exercisable in equal installments on each of the first three anniversaries of the grant date (2/9/2010).

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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