

Woodworth John K
 Form 4
 February 16, 2010

FORM 4

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

OMB APPROVAL

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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(h) of the Investment Company Act of 1940

(Print or Type Responses)

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

(Last) (First) (Middle)
 3M CENTER
 (Street)

ST. PAUL, MN 55144-1000

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 3M CO [MMM]

3. Date of Earliest Transaction (Month/Day/Year)
 02/11/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 VICE PRESIDENT CORP SC OPERTNS

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)	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)	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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	02/11/2010		S	104	D \$ 80.13	16,527	D
Common Stock	02/11/2010		S	700	D \$ 80.14	15,827	D
Common Stock	02/11/2010		S	200	D \$ 80.15	15,627	D
Common Stock	02/11/2010		S	100	D \$ 80.16	15,527	D
Common Stock	02/11/2010		S	100	D \$ 80.17	15,427	D

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Common Stock	02/11/2010	S	800	D	\$ 80.23	14,627	D
Common Stock	02/11/2010	S	500	D	\$ 80.24	14,127	D
Common Stock	02/11/2010	M	3,892	A	\$ 63.25	18,019	D
Common Stock	02/11/2010	S	592	D	\$ 80.1	17,427	D
Common Stock	02/11/2010	S	200	D	\$ 80.11	17,227	D
Common Stock	02/11/2010	S	200	D	\$ 80.12	17,027	D
Common Stock	02/11/2010	S	2,100	D	\$ 80.13	14,927	D
Common Stock	02/11/2010	S	200	D	\$ 80.14	14,727	D
Common Stock	02/11/2010	S	100	D	\$ 80.16	14,627	D
Common Stock	02/11/2010	S	200	D	\$ 80.2	14,427	D
Common Stock	02/11/2010	S	200	D	\$ 80.21	14,227	D
Common Stock	02/11/2010	S	100	D	\$ 80.22	14,127	D

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

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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)	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 Amount of Underlying Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of

Non-qualified Stock Option (Right to Buy)	\$ 63.25	02/11/2010	M	3,892	12/04/2003	05/07/2010	Common Stock	3,892
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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

02/16/2010

__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).

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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