Woodworth John K Form 4 May 07, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB 3235-0287

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

Number: January 31, Expires: 2005

0.5

OMB APPROVAL

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may continue.

Check this box

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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Woodworth John K			Issuer Name and Ticker or Trading Symbol M CO [MMM]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
3M CENTER	3M CENTER		(Month/Day/Year) 05/03/2012	Director 10% Owner _X_ Officer (give title Other (specify 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		
ST. PAUL, MN 55144-1000				Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Ta	ble I - Non	-Derivativ	e Seci	ırities Acqu	ired, Disposed of	f, or Benefici	ally 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)	4. Securities Acquoror Disposed of (D (Instr. 3, 4 and 5) (A) or		(D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/03/2012		Code V M	Amount 15,018 (1)	(D)	Price \$ 84.4	(Instr. 3 and 4) 29,198	D	
Common Stock	05/03/2012		F	14,179 (1)	D	\$ 89.39	15,019	D	
Common Stock	05/03/2012		F	357 <u>(1)</u>	D	\$ 89.39	14,662	D	
Common Stock	05/03/2012		M	30,532	A	\$ 54.11	45,194	D	
Common Stock	05/03/2012		S	43	D	\$ 89.32	45,151	D	

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Common Stock	05/03/2012	S	1,499	D	\$ 89.33	43,652	D	
Common Stock	05/03/2012	S	1,052	D	\$ 89.34	42,600	D	
Common Stock	05/03/2012	S	5,832	D	\$ 89.35	36,768	D	
Common Stock	05/03/2012	S	6,516	D	\$ 89.36	30,252	D	
Common Stock	05/03/2012	S	1,945	D	\$ 89.37	28,307	D	
Common Stock	05/03/2012	S	2,626	D	\$ 89.38	25,681	D	
Common Stock	05/03/2012	S	2,151	D	\$ 89.39	23,530	D	
Common Stock	05/03/2012	S	1,792	D	\$ 89.4	21,738	D	
Common Stock	05/03/2012	S	1,936	D	\$ 89.41	19,802	D	
Common Stock	05/03/2012	S	1,957	D	\$ 89.42	17,845	D	
Common Stock	05/03/2012	S	1,383	D	\$ 89.43	16,462	D	
Common Stock	05/03/2012	S	1,600	D	\$ 89.44	14,862	D	
Common Stock	05/03/2012	S	100	D	\$ 89.4415	14,762	D	
Common Stock	05/03/2012	S	100	D	\$ 89.445	14,662 (2)	D	
Common Stock						903.58 (3)	I	By Corporation

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

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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	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisable and	7. Title and
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orDerivative	Expiration Date	Underlying S
Security	or Exercise		any	Code	Securities Acquired	(Month/Day/Year)	(Instr. 3 and
(Instr 3)	Price of		(Month/Day/Vear)	(Inetr 8)	(A) or Disposed of		

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	Derivative Security								
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-qualified Stock Option (Right to Buy)	\$ 84.4	05/03/2012	М			15,018 (1)	05/12/2005	05/09/2014	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 54.11	05/03/2012	M			30,532	02/09/2010	02/08/2019	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 89.39	05/03/2012	A		14,536		11/03/2012	05/09/2014	Common Stock

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

05/07/2012

**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).
 - This Form is being filed to report the exercise of a 3M stock option for a total of 15,018 shares by means of a stock swap. A stock swap is a method of exercising a stock option in which the option holder attests to the ownership of enough shares of stock already owned by the
- (1) option holder to cover the exercise price of the option being exercised. As a result of this stock swap, the reporting person acquired ownership of an additional 482 shares of 3M common stock. As a result of this transaction, 357 shares were sold to pay withholding taxes to the respective government agencies.
- (2) Includes shares acquired pursuant to 3M's Dividend Reinvestment Plan.
- (3) Includes dividend share equivalents, accrued quarterly, pursuant to 3M's Performance Awards Deferred Compensation Plan.

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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