THULIN INGE G Form 4 March 17, 2008

FORM 4

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

OMB 3235-0287 Number:

burden hours per

OMB APPROVAL

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, 2005 Estimated average

0.5

Section 16. Form 4 or Form 5 obligations 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

SECURITIES

response...

Expires:

See Instruction 1(b).

(Print or Type Responses)

(State)

1. Name and Address of Reporting Person * THULIN INGE G			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	(encon un appricació)			
3M CENTER	<u>.</u>		(Month/Day/Year) 03/13/2008	Director 10% Owner _X Officer (give title Other (specify below) EXEC VP INTERNATIONAL			
(Street) ST. PAUL, MN 55144-1000			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
		.000	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect icial rship

(Instr. 3)	(11311111 2 4), 1 2 41)	any (Month/Day/Year)	*		(A)		Beneficially Owned Following Reported Transaction(s)	Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	03/13/2008		M	2,104	A	\$ 47.5	38,736	D	
Common Stock	03/13/2008		F	1,263	D	\$ 79.08	37,473	D	
Common Stock	03/13/2008		M	3,176	A	\$ 47.5	40,649	D	
Common Stock	03/13/2008		F	1,907	D	\$ 79.08	38,742	D	
Common Stock	03/13/2008		F	414	D	\$ 79.08	38,328	D	

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Common Stock 1,013 $\underline{^{(1)}}$ I By 401k/paesop Trust

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 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 orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Am Underlying Sec (Instr. 3 and 4)
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title N
Incentive Stock Option (Right to Buy)	\$ 47.5	03/13/2008		M		2,104	05/11/2000	05/11/2009	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 47.5	03/13/2008		M		3,176	05/11/2000	05/11/2009	Common Stock
Non-qualified Stock Option (Right to Buy)	\$ 79.08	03/13/2008		A	2,321		09/13/2008	05/11/2009	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

THULIN INGE G 3M CENTER

EXEC VP INTERNATIONAL

ST. PAUL, MN 55144-1000

Signatures

George Ann Biros, attorney-in-fact for Inge G.
Thulin
03/17/2008

**Signature of Reporting Person Date

Reporting Owners 2

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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) The indirectly-held common stock holding (401k/PAESOP) reported in Table I includes shares acquired during the fiscal year pursuant to the 3M Voluntary Investment 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.