PALENSKY FRED J

Form 4

August 21, 2012

FORM 4

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

OMB Number:

Estimated average

burden hours per

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

3235-0287 January 31, Expires: 2005

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * PALENSKY FRED J			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	(Sheen an applicable)				
3M CENTER			(Month/Day/Year) 08/20/2012	Director 10% Owner _X_ Officer (give title Other (speciallow) below) EXEC VP R&D & CHF TECH OF				
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check				
ST. PAUL, MN 55144-1000			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				

(City)	(State)	(Zip) Tak	on-l	quired, Disposed	of, or Benefi	cially Owned				
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code		4. Securities Acquire on(A) or Disposed of (Instr. 3, 4 and 5) (A) or		d of (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)
			Code	V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	05/02/2012		G	V	130	D	\$0	46,477.098	D	
Common Stock	08/20/2012		S		4,571	D	\$ 93.79	41,906.098	D	
Common Stock	08/20/2012		S		5,996	D	\$ 93.8	35,910.098	D	
Common Stock	08/20/2012		S		2,556	D	\$ 93.81	33,354.098	D	
Common Stock	08/20/2012		S		1,489	D	\$ 93.82	31,865.098	D	

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Common Stock	08/20/2012	S	400	D	\$ 93.83	31,465.098	D	
Common Stock	08/20/2012	S	100	D	\$ 93.84	31,365.098	D	
Common Stock						0	I	By 401k/paesop Trust

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

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 control number.

SEC 1474

(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transa Code (Instr.		5. DiNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships								
	Director	10% Owner	Officer	Other					
PALENSKY FRED J 3M CENTER			EXEC VP R&D & CHF						
ST. PAUL, MN 55144-1000			TECH OFF						

Signatures

Patricia L. Meagher, attorney-in-fact for Fred J.
Palensky

08/21/2012

**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).

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.