3M CO Form 4 May 11, 2006

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: 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

response...

burden hours per

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * BRENNAN EDWARD A			Symbol	er Name an [MMM]	d Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction		(Check all applicable)					
400 NORTH MICHIGAN AVENUE, SUITE 400			(Month/) 05/09/2	Day/Year) 2006		_X_ Director Officer (g below)		10% Owner Other (specify		
		4. If Am	endment, D	ate Original	6. Individual or Joint/Group Filing(Check					
		Filed(Mo	onth/Day/Yea	ar)	Applicable Line) _X_ Form filed by One Reporting Person					
CHICAGO, IL 60611						Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Tab	le I - Non-	Derivative Securities Acc	quired, Disposed	l of, or Benefi	cially Owned		
1.Title of	2. Transaction Date	e 2A. Deem	ed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature of		
Security	(Month/Day/Year)	Execution	Date, if	Transactio	or(A) or Disposed of (D)	Securities	Ownership	Indirect		
(Instr. 3)		any		Code	(Instr. 3, 4 and 5)	Beneficially	Form:	Beneficial		
		(Month/Da	ay/Year)	(Instr. 8)		Owned	Direct (D)	Ownership		

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)	(
Common Stock (1)	05/09/2006		A	571	A	\$ 75.69	39,478	I	by Corporation
Common Stock							252	D	

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

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SEC 1474

(9-02)

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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	f 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivativ	e Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	/Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr.	. 3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	T:41-	or Namel		
						Exercisable	Date	Title	Number		
				C-1- V	(A) (D)				of		
				Code v	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address Director 10% Owner Officer Other **BRENNAN EDWARD A**

400 NORTH MICHIGAN AVENUE SUITE 400 CHICAGO, IL 60611



Signatures

By: George Ann Biros For: Edward A.

Brennan 05/10/2006

> **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 nonemployee director has elected to defer all or a portion of compensation otherwise payable in cash to a common stock equivalents account under the terms of 3M's Director Compensation Plan and has no voting or investment powers with respect to such account. The indirectly-held common stock holding (by Corporation) reported in Table I includes deferred dividend reinvestment shares acquired pursuant to 3M's Director 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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