FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

ST. PAUL M.N S144-1000	Name and Address of Reporting Person* Woodworth John K						2. Issuer Name and Ticker or Trading Symbol 3M CO [MMM]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner						
State Part		,	t)	(Middle)					Transac	ction (Month/Day/Year)						below) below)					
1. Title of Security (Instex 3)		MN		55144-1000	0	4.1	If Am	endment, I	Date of 0	f Original Filed (Month/Day/Year)					Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person						
1. Tile of Bezim y (Instr. 3)	(City)	(Stat	te)	(Zip)																	
Part				Table I - N	lon-D	erivat	ive	Securiti	es Ac	quir	ed, Dis	posed of,	or Bene	ficia	lly Ov	vned		,			
Common C	1. Title of Security (Instr. 3)				Date		Execution Date, ar) if any		Date,	Transaction Code (Instr.					d 5) Securities Beneficially Ov Following Rep		Owned eported	Form: I	Direct (D) ect (I)	Beneficial Ownership	
Common Stock										Code	v	Amount		Price						(Instr. 4)	
Common Stock	Common Sto	ck			05/0	03/2012	2			M		15,018(1)	A	\$84.4		29,198		D			
Common Stock	Common Sto	ck			05/03/2012					F		14,179(1)	D	\$89.39		15,019		D			
Common Stock	Common Sto	ck			05/03/2012					F		357(1)	D	\$89.39		14,662		D			
Common Stock	Common Sto	ck			05/03/2012					M		30,532	A	\$54.11		45,194		D			
Common Stock	Common Sto	ck			05/03/2012			2		S		43	D	\$89.32		45,151		D			
Common Stock	Common Sto	ck			05/03/2012					S		1,499	D	\$89.33		43,652		D			
Common Stock	Common Sto	ck			05/03/2012					S		1,052	D	\$89.34		42,600		D			
Common Stock	Common Sto	ck			05/0					S		5,832	D	\$89.35		36,768		D			
Common Stock Com	Common Sto	ck			05/03/2012					S		6,516	D	D \$89.36		30,252		D			
Common Stock	Common Stock				05/0	05/03/2012				S		1,945	D	\$89.37		28,307		D			
Common Stock	Common Stock				05/0	03/2012	2			S		2,626	D	\$89.38		25,681		D			
Common Stock	Common Stock			05/0	03/2012	2			S		2,151	D	\$89.39		23,53	23,530		D			
Common Stock	Common Stock			05/0	03/2012	2			S		1,792	' 		9.4				D			
Common Stock	Common Stock									S		1,936	D	<u> </u>		19,80	2				
Common Stock	Common Stock				05/03/2012		2			S		1,957	D	\$89.42		17,845		D			
Common Stock O5/03/2012 S 100 D \$89.4415 14,762 D	Common Stock				05/03/2012					S		1,383	D	\$89	9.43	16,462		D			
Common Stock Comm	Common Stock				05/03/2012					S		1,600	D			14,862		D			
Common Stock Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities Securit	Common Sto	ck			05/03/2012					S		100	D	D \$89.4415		14,762		. D			
Table II - Derivative (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security (Instr. 3) Price of Derivative Security Security Non-qualified Stock Option (Right to Buy) Non-qualified Stock Option (Right to Buy) Non-qualified Stock Option (Right to Buy) Table II - Derivative Securities Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Securities Acquired (A) or Derivative Securities Underlying Derivative Security (Instr. 3) Amount or Stock Non-qualified Stock Option (Right to Buy)	Common Sto	ck			05/03/2012					S		100	D	\$89.445		14,662(2)		(2) D			
1. Title of Derivative Security (Instr. 3) 2. Conversion of Exercise Prior Derivative Security (Instr. 4) 2. Conversion of Exercise Prior Derivative Security (Instr. 4) 3. Transaction Date (Month/Day/Year) (Instr. 4) 4. Transaction Date (Month/Day/Year) (Instr. 4) 5. Number of Derivative Security (Instr. 3 and 4) 5. Number of Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3) 6. Date Exercisable and Expiration Date (Month/Day/Year) (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 5) 8. Price of Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 5) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities Underlying Derivative Security (Instr. 4) 7. Title and Amount of Securities (Instr. 4) 7. Title and Amount of Securities (Instr. 4)	Common Stock															903.58 ⁽³⁾			I	By Corporation	
Derivative Security (Instr. 3) Non-qualified Stock Option (Right to Buy) Non-qualified Stock Option (Right to				Table II	- Der (e.g	ivative ., puts	e Se s, ca	curities	Acqu rants,	ired opt	l, Dispo ions, c	osed of, o onvertible	r Benefic e securiti	cially ies)	Own	ed					
Non-qualified Stock Option (Right to Buy)	Derivative Security (Instr.	vative Conversion urity (Instr. Price of Derivative Execution Date (Month/Day/Year) Execution Date (Month/		Pate, Transaction Code (Instr.			Derivative Securities Acquired (A) or Disposed of (D)		Expiration (Month/Da		Date	Securities Under Derivative Secur (Instr. 3 and 4)		lying ty	Derivative of Security (Instr. 5)	derivat Securit Benefic Owned Followi	ive ties cially l ing	Ownershi Form: Direct (D) or Indirec	Beneficial Ownership t (Instr. 4)		
Stock Option (Right to Buy) \$84.4 05/03/2012 M 15,018 ⁽¹⁾ 05/12/2005 05/09/2014 Common Stock 15,018 \$0 1,744 D Non-qualified Stock Option \$54.11 05/03/2012 M 30.532 02/09/2010 02/08/2019 Common Stock 30.532 \$0 0 D						Code	v	(A)	(D)				Title	or Nu	ımber	(Instr.	Transa	ction(s)			
Stock Option \$54.11 05/03/2012 M 30.532 02/09/2010 02/08/2019 Common 30.532 \$0 0 D	Stock Option	\$84.4	05/03/2012			М			15,018 ⁽	1) 05	5/12/2005	05/09/2014		1	5,018	\$0	1,7	744	D		
	Stock Option	\$54.11	05/03/2012		М				30,532	. 02	2/09/2010	02/08/2019		3	0,532	\$0	0		D		

	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		3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (In 8)			6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Reported Transaction(s) (Instr. 4)		
Non-qualified Stock Option (Right to Buy)	\$89.39	05/03/2012		A		14,536		11/03/2012	05/09/2014	Common Stock	14,536	\$89.39	14,536	D	

Explanation of Responses:

- 1. 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 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.

George Ann Biros, attorney-in-fact 05/07/2012 for John K. Woodworth

** Signature of Reporting Person Date

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

- * 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.

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 Number.