

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL	
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**ANNUAL 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

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

Form 3 Holdings Reported.

Form 4 Transactions Reported.

1. Name and Address of Reporting Person * <u>IHLENFELD JAY V</u>  (Last) (First) (Middle) 3M CENTER  (Street) ST. PAUL MN 55144-1000  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>3M CO [ MMM ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VICE PRESIDENT R&amp;D</u>
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <u>12/31/2005</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock							28,651	D	
Common Stock							2,596	I	by 401k/PAESOP Trust

**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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		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 Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date					
Non-Qualified Stock Option (right to buy) <sup>(1)</sup>	\$64.4	05/09/2005		J		902	05/09/1996	05/06/2005	Common Stock 902	\$0	0	D	
Incentive Stock Option (right to buy)	\$43.35						05/09/2001	05/09/2010	Common Stock 2,306		2,306	D	
Incentive Stock Option (right to buy)	\$45.85						05/13/1998	05/13/2007	Common Stock 1,352		1,352	D	
Incentive Stock Option (right to buy)	\$46.675						05/12/1999	05/12/2008	Common Stock 2,142		2,142	D	
Incentive Stock Option (right to buy)	\$47.5						05/11/2000	05/10/2009	Common Stock 2,104		2,104	D	
Incentive Stock Option (right to buy)	\$58.625						05/08/2002	05/08/2011	Common Stock 1,704		1,704	D	
Non-Qualified Stock Option (right to buy)	\$61.85						05/14/2004	05/12/2013	Common Stock 31,414		31,414	D	
Non-Qualified Stock Option (right to buy)	\$64.4						11/20/2002	05/12/2006	Common Stock 1,468		1,468	D	
Non-Qualified Stock Option (right to buy)	\$64.4						11/20/2002	05/07/2010	Common Stock 1,560		1,560	D	
Non-Qualified Stock Option (right to buy)	\$64.5						05/15/2003	05/14/2012	Common Stock 17,400		17,400	D	
Non-Qualified Stock Option (right to buy)	\$69.35						02/06/2004	05/11/2007	Common Stock 2,392		2,392	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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		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 Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Non-Qualified Stock Option (right to buy)	\$69.35						02/06/2004	05/12/2008	Common Stock	8		8	D	
Non-Qualified Stock Option (right to buy)	\$69.35						02/06/2004	05/07/2010	Common Stock	4,644		4,644	D	
Non-Qualified Stock Option (right to buy)	\$75.2						04/21/2006	05/06/2011	Common Stock	11,581		11,581	D	
Non-Qualified Stock Option (right to buy)	\$75.2						04/21/2006	05/13/2013	Common Stock	7,163		7,163	D	
Non-Qualified Stock Option (right to buy)	\$76.8						05/10/2006	05/10/2015	Common Stock	35,593		35,593	D	
Non-Qualified Stock Option (right to buy)	\$81.7						10/02/2004	05/12/2008	Common Stock	5,979		5,979	D	
Non-Qualified Stock Option (right to buy)	\$81.7						10/02/2004	05/11/2009	Common Stock	6,073		6,073	D	
Non-Qualified Stock Option (right to buy)	\$81.7						10/02/2004	05/06/2011	Common Stock	402		402	D	
Non-Qualified Stock Option (right to buy)	\$84.4						05/12/2005	05/09/2014	Common Stock	43,714		43,714	D	

**Explanation of Responses:**

1. This transaction is an expiration of an employee stock option. No value was received by the reporting person for the expiration and it is being reported voluntarily for informational purposes. The expiration is exempt from the short-swing profits recovery provisions pursuant to Rule 16b-6(d) and is exempt from the reporting requirements pursuant to Rule 16a-4(d).

**Remarks:**

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. The directly-held common stock holding reported in Table I includes shares acquired pursuant to 3M's Dividend Reinvestment Program in transactions exempt from Section 16; this total also includes shares acquired during the fiscal year pursuant to 3M's General Employee Stock Purchase Plan.

By: George Ann Biros For: Jay V Ihlenfeld 01/20/2006

\*\* 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.

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