

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

FORM S-3
REGISTRATION STATEMENT
Under
The Securities Act of 1933

3M Company

(Exact name of Registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

41-0417775
(I.R.S. Employer
Identification No.)

**3M Center
St. Paul, Minnesota 55144
(651) 733-1110**

(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

Gregg M. Larson, Deputy General Counsel & Secretary
3M Company
3M Center
St. Paul, Minnesota 55144
(651) 733-1110

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this Registration Statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if a smaller reporting company)

Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount To be Registered/Proposed Maximum Offering Price Per Unit/Proposed Maximum Offering Price/Amount of Registration Fee
Debt Securities	(1)
Common Stock, par value \$0.01 per share	

(1) An indeterminate aggregate initial offering price or number of the securities of each identified class is being registered as may from time to time be sold at indeterminate prices. Separate consideration may or may not be received for securities that are issuable on exercise, conversion or exchange of other securities. In accordance with Rule 456(b) and 457(r), the Registrant is deferring payment of all of the registration fee.



PROSPECTUS

3M Company Debt Securities Common Stock

We from time to time may offer to sell debt securities and common stock. Our common stock is listed on the New York Stock Exchange and trades under the ticker symbol “MMM”.

We may offer and sell these securities to or through one or more underwriters, dealers and agents, or directly to purchasers, on a continuous or delayed basis.

This prospectus describes some of the general terms that may apply to these securities. The specific terms of any securities to be offered will be described in a prospectus supplement to this prospectus.

Investing in our securities involves risks. You should carefully consider the risks described under “Risk Factors” on page 4 of this prospectus, as well as the information incorporated by reference in this prospectus and the applicable prospectus supplement, before making a decision to invest in our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

This prospectus is dated August 5, 2011.

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You should rely only on the information contained or incorporated by reference in this prospectus and the applicable prospectus supplement or other offering material filed or provided by us. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information contained in this prospectus or the applicable prospectus supplement or any such other offering material is accurate as of any date other than their respective dates.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (“SEC”) using a “shelf” registration process. Under this process, we may sell, from time to time, in one or more offerings, any combination of the securities described in this prospectus. This prospectus and any applicable prospectus supplement do not contain all of the information included in the registration statement as permitted by the rules and regulations of the SEC. The registration statement that contains this prospectus, including the exhibits to the registration statement, provides additional information about us.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are available to the public over the Internet at the SEC's web site at <http://www.sec.gov>. You may also read and copy any document we file with the SEC at its public reference room located at 100 F Street, N.E., Washington, D.C. 20549. You may call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference facilities. Our SEC filings are also available at the office of the New York Stock Exchange, 20 Broad Street, New York, NY 10005. Information about us, including our SEC filings, is also available at our Internet site at <http://www.3m.com>. However, the information on our Internet site is not a part of, or incorporated by reference in, this prospectus or any prospectus supplement.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC rules allow us to incorporate by reference information into this prospectus. This means we can disclose important information to you by referring you to another document. Any information referred to in this way is considered part of this prospectus from the date we file that document. Any reports filed by us with the SEC after the date of this prospectus and before the date that the offering of the securities by means of this prospectus is terminated will automatically update and, where applicable, supersede any information contained in this prospectus or incorporated by reference in this prospectus.

Accordingly, we incorporate by reference into this prospectus the following documents or information filed with the SEC (other than, in each case, documents or information deemed furnished and not filed in accordance with SEC rules, and no such information shall be deemed specifically incorporated by reference hereby):

- our Annual Report on Form 10-K for the year ended December 31, 2010, as updated by our Current Report on Form 8-K dated May 26, 2011;
- our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2011 and June 30, 2011;
- our Current reports on Form 8-K filed on February 15, 2011 (three filings), February 16, 2011, March 15, 2011, April 6, 2011, May 11, 2011, May 16, 2011, May 18, 2011 (two filings), May 26, 2011 (the Current Report dated May 26, 2011 updates certain information included in our Annual Report on Form 10-K for the year ended December 31, 2010, including the historical financial statements and Management's Discussion and Analysis of Financial Condition and Results of Operations, to reflect certain product moves between our business segments in the first quarter of 2011), August 2, 2011 (three filings); and
- all documents filed by us under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 on or after the date of this prospectus and before the termination of this offering.

We will provide without charge to each person, including any beneficial owner, to whom this prospectus is delivered, upon his or her written or oral request, a copy of any or all documents referred to above which have been or may be incorporated by reference into this prospectus excluding exhibits to those documents, unless they are specifically incorporated by reference into those documents. You can request those documents from:

3M Company
 3M Center
 St. Paul, MN 55144-1000
 Phone: (651) 733-1110
 Attention: Investor Relations

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THE COMPANY

3M Company, formerly known as Minnesota Mining and Manufacturing Company, was incorporated in 1929 under the laws of the State of Delaware to continue operations begun in 1902. 3M's principal executive offices are located at 3M Center, St. Paul, Minnesota 55144 (telephone: 651-733-1110).

3M is a diversified technology company with a global presence in the following businesses: industrial and transportation; health care; safety, security and protection services; consumer and office; display and graphics; and electro and communications. 3M is among the leading manufacturers of products for many of the markets it serves. Most 3M products involve expertise in product development, manufacturing and marketing, and are subject to competition from products manufactured and sold by other technologically oriented companies.

We manage our operations in six operating business segments: Industrial and Transportation; Health Care; Safety, Security and Protection Services; Consumer and Office; Display and Graphics; and Electro and Communications. Our six business segments bring together common or related 3M technologies, enhancing the development of innovative products and services and providing for efficient sharing of business resources. These segments have worldwide responsibility for virtually all 3M product lines. Certain small businesses and lab-sponsored products, as well as various corporate assets and expenses, are not attributed to the business segments.

When we refer to "3M", "our company", "we", "our" and "us" in this prospectus under the heading "The Company", we mean 3M Company and its consolidated subsidiaries unless the context indicates otherwise. When these terms are used elsewhere in this prospectus, we refer only to 3M Company unless the context indicates otherwise.

RISK FACTORS

You should carefully consider, among other things, the risks and other matters that are identified or discussed in Part I, Item 1A, "Risk Factors" of our Annual Report on Form 10-K for the year ended December 31, 2010, as updated by our Current Report on Form 8-K dated May 26, 2011, and in other documents that are incorporated by reference into this prospectus and any applicable prospectus supplement.

RATIOS OF EARNINGS TO FIXED CHARGES

The following table presents the ratio of earnings to fixed charges for us and our consolidated subsidiaries for the periods indicated.

	Six months ended	Year ended December 31,				
	June 30, 2011	2010	2009	2008	2007	2006
Ratio of earnings to fixed charges(1)	23.1x	20.2x	15.3x	16.8	20.7x	27.0x

(1) For purposes of computing the ratio of earnings to fixed charges, earnings represent income from continuing operations before income taxes and net income attributable to noncontrolling interest, plus fixed charges and amortization of capitalized interest less equity in undistributed income of 20-50% owned companies and capitalized interest. Fixed charges include interest on debt, including capitalized interest, the interest component of the ESOP benefit expense (for 2009 and prior), and the portion of rent under operating leases representative of the interest component.

USE OF PROCEEDS

Unless otherwise specified in the applicable prospectus supplement or other offering material, we will use the net proceeds from the sale of the securities for general corporate purposes.

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DESCRIPTION OF THE SECURITIES WE MAY OFFER

We may issue from time to time, in one or more offerings, the following securities:

- debt securities, and
- shares of common stock.

This prospectus contains a summary of the material general terms of the various securities that we may offer. The specific terms of the securities will be described in a prospectus supplement and other offering material, which may be in addition to or different from the general terms summarized in this prospectus. We may issue debt securities that are convertible into common stock that may be sold under this prospectus. Where applicable, the prospectus supplement and other offering material will also describe any material United States federal income tax considerations relating to the securities offered and indicate whether the securities offered are or will be listed on any securities exchange. The summaries contained in this prospectus and in any prospectus supplement or other offering material may not contain all of the information that you would find useful. Accordingly, you should read the actual documents relating to any securities sold pursuant to this prospectus. You should read “Where You Can Find Additional Information” and “Incorporation of Certain Documents by Reference” to find out how you can obtain a copy of those documents.

DEBT SECURITIES

This section describes the general terms and provisions of the debt securities. The applicable prospectus supplement will describe the specific terms of the debt securities offered through that prospectus supplement and any general terms outlined in this section that will not apply to those debt securities. The debt securities will be issued under an indenture, dated as of November 17, 2000, as amended on July 29, 2011, between us and The Bank of New York Mellon Trust Company, N.A., as successor trustee. As used in this prospectus, “debt securities” means the debentures, notes, bonds and other evidence of indebtedness that we issue and the trustee authenticates and delivers under the indenture.

We have summarized the general terms and provisions of the indenture in this section. This summary, however, does not describe every aspect of the indenture. We have filed the indenture with the SEC. You should read the indenture for additional information before you buy any debt securities. The summary that follows includes references to section numbers of the indenture so that you can more easily locate these provisions.

General

The debt securities will be our direct, senior, unsecured obligations. The indenture does not limit the amount of debt securities that we may issue and permits us to issue debt securities from time to time. Debt securities issued under the indenture will be issued as part of a series that has been established by us under the indenture. (Section 301) Unless a prospectus supplement relating to debt securities states otherwise, the indenture and the terms of the debt securities will not contain any covenants designed to afford Holders (as defined below) of any debt securities protection in a highly leveraged or other transaction involving us that may adversely affect Holders of the debt securities. If we ever issue bearer securities we will summarize provisions of the indenture that relate to bearer securities in the applicable prospectus supplement.

A prospectus supplement relating to a series of debt securities being offered will include specific terms relating to the offering. (Section 301) These terms will include some or all of the following:

- the title and type of the debt securities;
- any limit on the total principal amount of the debt securities;
- the price at which the debt securities will be issued;
- the maturity date of the debt securities;
- the date or dates on which the principal of and premium, if any, on the debt securities will be payable;
- if the debt securities will bear interest:

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- the interest rate on the debt securities;
- the date from which interest will accrue;
- the record and interest payment dates for the debt securities;
- the first interest payment date; and
- any circumstances under which we may defer interest payments;
- any optional redemption provisions that would permit us or the Holders of debt securities to elect redemption of the debt securities before their final maturity;
- any sinking fund provisions that would obligate us to redeem the debt securities before their final maturity;
- the currency or currencies in which the debt securities will be denominated and payable, if other than U.S. dollars;
- any provisions that would permit us or the Holders of the debt securities to elect the currency or currencies in which the debt securities are paid;
- whether the provisions described under the heading “Defeasance” below apply to the debt securities;
- any changes to or additional events of default or covenants;

- whether the debt securities will be issued in whole or in part in the form of temporary or permanent global securities and, if so, the depository for those global securities (a “global security” means a debt security that we issue in accordance with the indenture to represent all or part of a series of debt securities);
- any special tax implications of the debt securities; and
- any other terms of the debt securities.

A “Holder”, with respect to a registered security, means the person in whose name the debt security is registered in the security register. (Section 101)

Our company, without the consent of Holders of any debt securities, may issue additional debt securities with terms different from those of debt securities previously issued, and it may reopen a previous series of debt securities and issue additional debt securities of that series.

Payment; Exchange; Transfer

We will designate a place of payment where you can receive payment of the principal of and any premium and interest on the debt securities or transfer the debt securities. Even though we will designate a place of payment, we may elect to pay any interest on the debt securities by mailing a check to the person listed as the owner of the debt securities in the security register or by wire transfer to an account designated by that person in writing not less than ten days before the date of the interest payment. (Sections 307, 1002) There will be no service charge for any registration of transfer or exchange of the debt securities, but we may require you to pay any tax or other governmental charge payable in connection with a transfer or exchange of the debt securities. (Section 305)

Denominations

Unless the prospectus supplement states otherwise, the debt securities will be issued only in registered form, without coupons, in denominations of \$1,000 each or multiples of \$1,000.

Original Issue Discount

Debt securities may be issued under the indenture as original issue discount securities and sold at a substantial discount below their stated principal amount. If a debt security is an “original issue discount security”, that means that an amount less than the principal amount of the debt security will be due and payable upon a declaration of acceleration of the maturity of the debt security under the indenture. (Section 101) The applicable prospectus supplement will describe the federal income tax consequences and other special factors which should be considered before purchasing any original issue discount securities.

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Classification of Restricted and Unrestricted Subsidiaries

The indenture contains several restrictive covenants that apply to us and all of our Restricted Subsidiaries (defined below). Those covenants do not apply to our Unrestricted Subsidiaries (defined below). For example, the assets and indebtedness of Unrestricted Subsidiaries and investments by us or our Restricted Subsidiaries in Unrestricted Subsidiaries are not included in the calculations described under the heading “—Restrictions on Secured Funded Debt” below. The indenture does not require us to maintain any Restricted Subsidiaries and, if we do not, the indenture will not provide any limitations on the amount of secured debt created or incurred by our Subsidiaries (defined below).

A “Subsidiary” is any corporation of which we own more than 50% of the outstanding shares of Voting Stock, except for directors’ qualifying shares, directly or through one or more of our other Subsidiaries. “Voting Stock” means stock that is entitled in the ordinary course (i.e., not only as a result of the happening of a contingency) to vote in an election for directors.

A “Restricted Subsidiary” means any of our Subsidiaries which has substantially all of its property in the United States, which owns or is a lessee of any Principal Property and in which our investment and the investment of our Subsidiaries exceeds 1% of our Consolidated Net Tangible Assets as of the date of the determination, other than Unrestricted Subsidiaries. Additionally, this definition includes any other Subsidiary designated by our board of directors as a Restricted Subsidiary. (Section 101). A “Wholly-owned Restricted Subsidiary” is a Restricted Subsidiary of which we own all of the outstanding capital stock directly or through our other Wholly-owned Restricted Subsidiaries.

Our “Unrestricted Subsidiaries” are:

- 3M Financial Management Company;
- other Subsidiaries (whose primary business is in finance operations) acquired or formed by us after the date of this prospectus; and
- any other Subsidiary if a majority of its Voting Stock is owned directly or indirectly by one or more Unrestricted Subsidiaries.

Our board of directors can at any time change a Subsidiary’s designation from an Unrestricted Subsidiary to a Restricted Subsidiary if:

- the majority of that Subsidiary’s Voting Stock is not owned by an Unrestricted Subsidiary, and
- after the change of designation, we would be in compliance with the restrictions contained in the Secured Funded Debt covenant described under the heading “—Restrictions on Secured Funded Debt” below. (Sections 101, 1010(a))

Restrictions on Secured Funded Debt

The indenture limits the amount of Secured Funded Debt (defined below) that we and our Restricted Subsidiaries may incur or otherwise create (including by guarantee). Neither we nor our Restricted Subsidiaries may incur or otherwise create any new Secured Funded Debt unless immediately after this incurrence or creation:

- the sum of:
 - the aggregate principal amount of all of our outstanding Secured Funded Debt and that of our Restricted Subsidiaries, other than the several categories of Secured Funded Debt discussed below, plus
 - the aggregate amount of our Attributable Debt (defined below) and that of our Restricted Subsidiaries relating to sale and lease-back transactions,
- does not exceed 15% of our Consolidated Net Tangible Assets (defined below).

This limitation does not apply if the outstanding debt securities are secured equally and ratably with or prior to the new Secured Funded Debt. (Sections 1008(a), 1008(c))

“Secured Funded Debt” means Funded Debt which is secured by a mortgage, lien or other similar encumbrance upon any of

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our assets or those of our Restricted Subsidiaries. (Section 101)

“Funded Debt” means:

- Indebtedness maturing, or which we may extend or renew to mature, more than 12 months after the time the amount of Funded Debt is computed, plus
- guarantees of Indebtedness (defined below) of the type described in the preceding bullet point, or of dividends, except guarantees in connection with the sale or discount of accounts receivable, trade acceptances and other paper arising in the ordinary course of business, plus
- Funded Debt secured by a mortgage, lien or similar encumbrance on our assets or those of our Restricted Subsidiaries, whether or not this Funded Debt is assumed by us or one of our Restricted Subsidiaries, plus
- in the case of a Subsidiary, all preferred stock of that Subsidiary.

Funded Debt *does not include* any amount relating to obligations under leases, or guarantees of leases, whether or not those obligations would be included as liabilities on our consolidated balance sheet. (Section 101)

“Indebtedness” means, except as set forth in the next sentence:

- all items of indebtedness or liability, except capital and surplus, which under accounting principles generally accepted in the United States of America would be included in total liabilities on the liability side of a balance sheet as of the date that indebtedness is being determined;
- indebtedness secured by a mortgage, lien or other similar encumbrance on property owned subject to that mortgage, lien or other similar encumbrance, regardless of whether the indebtedness secured by that mortgage, lien or other similar encumbrance was assumed; and
- guarantees, endorsements, other than for purposes of collection, and other contingent obligations relating to, or to purchase or otherwise acquire, indebtedness of others, unless the amount of the guarantees, endorsements or other contingent obligations is included in the preceding two bullet points.

Indebtedness does not include any obligations or guarantees of obligations relating to lease rentals, even if these obligations or guarantees of obligations would be included as liabilities on our consolidated balance sheet. (Section 101)

“Attributable Debt” means:

- the balance sheet liability amount of capital leases as determined by accounting principles generally accepted in the United States of America, plus
- the amount of future minimum operating lease payments required to be disclosed by accounting principles generally accepted in the United States of America, less any amounts required to be paid on account of maintenance and repairs, insurance, taxes, assessments, water rates and similar charges, discounted using the interest rate implicit in the lease to calculate the present value of operating lease payments.

The amount of Attributable Debt relating to an operating lease that can be terminated by the lessee with the payment of a penalty will be calculated based on the lesser of:

- the aggregate amount of lease payments required to be made until the first date the lease can be terminated by the lessee plus the amount of the penalty, or
- the aggregate amount of lease payments required to be made during the remaining term of the lease. (Section 101)

“Consolidated Net Tangible Assets” means the total consolidated amount of our assets and those of our Subsidiaries, minus applicable reserves and other properly deductible items and after excluding any investments made in Unrestricted Subsidiaries or in corporations while they were Unrestricted Subsidiaries but which are not Subsidiaries at the time of the calculation, minus

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- all liabilities and liability items, including leases, or guarantees of leases, which under accounting principles generally accepted in the United States of America would be included in the balance sheet, except Funded Debt, capital stock and surplus, surplus reserves and deferred income taxes, and
- goodwill, trade names, trademarks, patents, unamortized debt discount and expense and other similar intangibles. (Section 101)

The following categories of Secured Funded Debt will not be considered in determining whether we are in compliance with the covenant described in the first paragraph under the heading “Restrictions on Secured Funded Debt”:

- Secured Funded Debt of a Restricted Subsidiary owing to us or to one of our Wholly-owned Restricted Subsidiaries;
- Secured Funded Debt resulting from a mortgage, lien or other similar encumbrance in favor of the U.S. Government or any State or any instrumentality thereof to secure partial, progress, advance or other payments;
- Secured Funded Debt resulting from a mortgage, lien or other similar encumbrance on property, shares of stock or Indebtedness of any company existing at the time that this company becomes one of our Subsidiaries;
- Secured Funded Debt resulting from a mortgage, lien or other similar encumbrance on property, shares of stock or Indebtedness which:
 - exists at the time that the property, shares of stock or Indebtedness is acquired by us or one of our Restricted Subsidiaries, including acquisitions by merger or consolidation,

- secures the payment of any part of the purchase price of or construction cost for the property, shares of stock or Indebtedness, or
- secures any indebtedness incurred prior to, at the time of, or within 120 days after, the acquisition of the property, shares of stock or Indebtedness or the completion of any construction of the property for the purpose of financing all or a part of the purchase price or construction cost of the property, shares of stock or Indebtedness,

provided that, in all cases, we continue to comply with the covenant relating to mergers and consolidations discussed under the heading “—Consolidation, Merger or Sale” below;

- Secured Funded Debt secured by a mortgage, lien or other similar encumbrance in connection with the issuance of revenue bonds on which the interest is exempt from federal income tax pursuant to the Internal Revenue Code of 1986; and
- any extension, renewal or refunding of:
 - any Secured Funded Debt permitted under the first paragraph under the heading “Restrictions on Secured Funded Debt”,
 - any Secured Funded Debt outstanding at the end of our fiscal year immediately preceding the execution date of the indenture of any then Restricted Subsidiary, or
 - any Secured Funded Debt of any company outstanding at the time this company became a Restricted Subsidiary,

provided that the mortgage, liens or other similar encumbrance securing such extension, renewal or refunding is limited to the same secured property (plus improvements thereon) that secured the Secured Funded Debt so extended, renewed or refunded immediately prior thereto. (Section 1008(b))

Restrictions on Sale and Lease-Back Transactions

The indenture provides that neither we nor any of our Restricted Subsidiaries may enter into any sale and lease-back transaction involving any Principal Property, as defined below, more than 120 days after its acquisition or the completion of its construction and commencement of its full operation, unless either:

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- we or any of our Restricted Subsidiaries could (1) create Secured Funded Debt on the property equal to the Attributable Debt with respect to the sale and lease-back transaction and (2) still be in compliance with the restrictions on Secured Funded Debt (see “—Restrictions on Secured Funded Debt” above), or
- we apply an amount, subject to credits for some voluntary retirements of debt securities and/or Funded Debt as specified in the indenture, equal to the greater of (1) the fair value of the property or (2) the net proceeds of the sale, within 120 days, to the retirement of Secured Funded Debt.

This restriction will not apply to any sale and lease-back transaction:

- between us and one of our Restricted Subsidiaries,
- between any of our Restricted Subsidiaries, or
- involving a lease for a period, including renewals, of three years or less. (Section 1009)

“**Principal Property**” means any building or other facility located in the United States, together with the land upon which it is erected and its fixtures that is owned or leased by us or one of our Subsidiaries, that is used primarily for manufacturing or processing and has a gross book value, before deduction of any depreciation reserves, greater than 1% of our Consolidated Net Tangible Assets, other than:

- a building or facility that is financed by obligations issued by a state or local government under several sections of the Internal Revenue Code of 1986, or
- a building or facility that in the opinion of our board of directors is not of material importance to the total business conducted by us and our Subsidiaries considered together. (Section 101)

Consolidation, Merger or Sale

The indenture generally permits a consolidation or merger between us and another corporation. It also permits the sale or transfer by us of all or substantially all of our property and assets and the purchase by us of all or substantially all of the property and assets of another corporation. These transactions are permitted if:

- the resulting or acquiring corporation, if other than us, assumes all of our responsibilities and liabilities under the indenture, including the payment of all amounts due on the debt securities and performance of the covenants in the indenture,
- immediately after the transaction, no event of default, and no event that, after notice or lapse of time or both, would become an event of default, exists, and
- except in the case of a consolidation or merger of a Restricted Subsidiary with and into us, either (1) we have obtained the consent of the Holders of a majority in aggregate principal amount of the outstanding debt securities of each series or (2) immediately after the transaction, the resulting or acquiring corporation could incur additional Secured Funded Debt and still be in compliance with the restrictions on Secured Funded Debt (see “—Restrictions on Secured Funded Debt” above). (Section 801)

Even though the indenture contains the provisions described above, we are not required by the indenture to comply with those provisions if we sell all of our property and assets to another corporation if, immediately after the sale:

- that corporation is one of our Wholly-owned Restricted Subsidiaries, and
- we could incur additional Secured Funded Debt and still be in compliance with the restrictions on Secured Funded Debt (see “—Restrictions on Secured Funded Debt” above). (Section 803)

If we consolidate or merge with or into any other corporation or sell all or substantially all of our assets according to the terms and conditions of the indenture, the resulting or acquiring corporation will be substituted for us in the indenture with the same effect as if it had been an original party to the indenture. As a result, this successor corporation may exercise our rights and powers under the indenture, in our name or in its own name and we will be released from all our liabilities and obligations under the indenture

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and under the debt securities. (Section 802)

Modification and Waiver

Under the indenture, we and the trustee can modify or amend the indenture with the consent of the Holders of a majority in aggregate principal amount of the outstanding debt securities of each series of debt securities affected by the modification or amendment. However, we may not, without the consent of the Holder of each debt security affected:

- change the stated maturity date of any payment of principal or interest,
- reduce payments due on the original issue discount securities,
- change the place of payment or currency in which any payment on the debt securities is payable,
- limit a Holder's right to sue us for the enforcement of payments due on the debt securities,
- reduce the percentage of outstanding debt securities required to consent to a modification or amendment of the indenture,
- limit a Holder's right, if any, to repayment of debt securities at this Holder's option, or
- modify any of the foregoing requirements or reduce the percentage of outstanding debt securities required to waive compliance with several provisions of the indenture or to waive defaults under the indenture. (Section 902)

Under the indenture, the Holders of a majority in aggregate principal amount of the outstanding debt securities of any series of debt securities may, on behalf of all Holders of that series:

- waive compliance by us with several restrictive covenants of the indenture, such as corporate existence and maintenance of properties, and
- waive any past default under the indenture, except:
 - a default in the payment of the principal of or any premium or interest on any debt securities of that series, or
 - a default under any provision of the indenture which itself cannot be modified or amended without the consent of the Holders of each outstanding debt security of that series. (Sections 1012, 513)

Notwithstanding the foregoing, under the indenture, we and the trustee can modify or amend the indenture without the consent of any Holders in certain circumstances, including:

- to evidence the succession of another corporation to the Company's obligations under the indenture;
- to add to the covenants of the Company;
- to add any additional events of default;
- to add to, change or eliminate any of the provisions of the indenture to provide for the issuance of bearer securities, to change or eliminate any restrictions on certain terms of registered securities or bearer securities, or to permit or facilitate the issuance of debt securities in uncertificated form, provided any such action shall not adversely affect the interests of the Holders of any series in any material respect;
- to change or eliminate any of the provisions of the indenture, provided that any such change or elimination shall become effective only when there is no debt security outstanding of any series created prior to the execution of such supplemental indenture which is entitled to the benefit of such provisions, or shall not apply to any debt security outstanding;
- to establish the form or terms of debt securities of any series as permitted under the indenture;
- to secure the debt securities;
- to evidence and provide for the acceptance of appointment under the indenture by a successor trustee;

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- to cure any ambiguity, defect or inconsistency in the indenture, or to make any other provisions with respect to matters or questions arising under the indenture, provided such other provisions shall not adversely affect the interests of the Holders of debt securities of any series in any material respect; or
- to add or to change or eliminate any provision of the indenture as shall be necessary or desirable in accordance with any amendments to the Trust Indenture Act, provided such action shall not adversely affect the interest of Holders of debt securities of any series in any material respect. (Section 901)

Events of Default

An event of default with respect to any series of debt securities will occur under the indenture if:

- we fail to pay interest on any debt security of that series for 30 days after the payment is due,
- we fail to pay the principal of or any premium on any debt security of that series when due,
- we fail to deposit any sinking fund payment when due on debt securities of that series,

- we fail to perform any other covenant in the indenture that applies to debt securities of that series for 90 days after we have received written notice of the failure to perform in the manner specified in the indenture,
- we default under any Indebtedness for borrowed money, including other series of debt securities, or under any mortgage, lien or other similar encumbrance, indenture or instrument, including the indenture, which secures any Indebtedness for borrowed money, and which results in acceleration of the maturity of an outstanding principal amount of Indebtedness greater than \$200 million, unless this acceleration is rescinded (or the Indebtedness is discharged) within 10 days after we have received written notice of the default in the manner specified in the indenture,
- commencement of voluntary or involuntary bankruptcy, insolvency or reorganization, or
- any other event of default that may be specified for the debt securities of that series when that series is created occurs. (Section 501)

If an event of default for any series of debt securities occurs and continues, the trustee or the Holders of at least 25% in aggregate principal amount of the outstanding debt securities of the series may declare the entire principal of all the debt securities of that series to be due and payable immediately. If such a declaration occurs, the Holders of a majority of the aggregate principal amount of the outstanding debt securities of that series can, subject to the specific payment conditions set forth in the indenture, rescind the declaration. (Section 502)

The prospectus supplement relating to each series of debt securities which are original issue discount securities will describe the particular provisions that relate to the acceleration of maturity of a portion of the principal amount of that series when an event of default occurs and continues.

An event of default for a particular series of debt securities does not necessarily constitute an event of default for any other series of debt securities issued under the indenture. The indenture requires us to file a certificate with the trustee each year that states the nature of the default if any default exists under the terms of the indenture. (Section 1011) The trustee must transmit notice to the Holders of debt securities of any default, except that no such notice to Holders shall be given until at least 30 days after the occurrence of a default in the performance, or breach, of any covenant or warranty of the Company in the indenture, and continuance of such default or breach for a period of 90 days after there has been given to the Company by the trustee, or to the Company and the trustee by Holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series, written notice of such default or breach. (Section 602)

Other than its duties in the case of a default, a trustee is not obligated to exercise any of its rights or powers under the indenture at the request, order or direction of any Holders, unless the Holders offer the trustee reasonable indemnification. (Sections 601, 603) If reasonable indemnification is provided, then, subject to other rights of the trustee provided in the indenture, the Holders of a majority in principal amount of the outstanding debt securities of any series may, with respect to the debt securities of that series, direct the time, method and place of:

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- conducting any proceeding for any remedy available to the trustee, or
- exercising any trust or power conferred upon the trustee. (Sections 512, 603)

The Holder of a debt security of any series will have the right to begin any proceeding with respect to the indenture or for any remedy only if:

- the Holder has previously given the trustee written notice of a continuing event of default with respect to that series,
- the Holders of at least 25% in aggregate principal amount of the outstanding debt securities of that series have made a written request of, and offered reasonable indemnification to, the trustee to begin the proceeding,
- the trustee has not started the proceeding within 60 days after receiving the request, and
- the trustee has not received directions inconsistent with the request from the Holders of a majority in aggregate principal amount of the outstanding debt securities of that series during those 60 days. (Section 507)

However, the Holder of any debt security will have an absolute right to receive payment of principal of and any premium and interest on the debt security when due and to institute suit to enforce this payment. (Section 508)

Defeasance

Defeasance and Discharge. At the time that we establish a series of debt securities under the indenture, we can provide that the debt securities of that series are subject to the defeasance and discharge provisions of the indenture. If we so provide, we will be discharged from our obligations on the debt securities of that series if we deposit with the trustee, in trust, sufficient money or Government Obligations, as defined below, to pay the principal, interest, any premium and any other sums due on the debt securities of that series, such as sinking fund payments, on the dates these payments are due under the indenture and the terms of the debt securities. (Section 403) As used above, “Government Obligations” mean:

- securities of the same government which issued the currency in which the series of debt securities are denominated and/or in which interest is payable, or
- securities of government agencies backed by the full faith and credit of the government. (Section 101)

In the event that we deposit funds in trust and discharge our obligations under a series of debt securities as described above, then:

- the indenture will no longer apply to the debt securities of that series, except for the obligations to compensate, reimburse and indemnify the trustee, to register the transfer and exchange of debt securities, to replace lost, stolen or mutilated debt securities and to maintain paying agencies and the trust funds; and
- Holders of debt securities of that series can only look to the trust fund for payment of principal, any premium and interest on the debt securities of that series. (Section 403)

Under federal income tax law, that deposit and discharge may be treated as an exchange of the related debt securities for an interest in the trust mentioned above. Each holder might be required to recognize gain or loss equal to the difference between:

- the holder’s cost or other tax basis for the debt securities, and
- the value of the holder’s interest in the trust.

Holders might be required to include in income a share of the income, gain or loss of the trust, including gain or loss recognized in connection with any substitution of collateral, as described in this section under the heading “—Substitution of Collateral” below. You are urged to consult your own tax advisers as to the specific consequences of such a deposit and discharge, including the applicability and effect of tax laws other than federal income tax law.

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Defeasance of Covenants and Events of Default. At the time that we establish a series of debt securities under the indenture, we can provide that the debt securities of that series are subject to the covenant defeasance provisions of the indenture. If we so provide and we make the deposit described in this section under the heading “—Defeasance and Discharge” above:

- we will not have to comply with the following restrictive covenants contained in the indenture: Consolidation, Merger or Sale or Lease of Property as Entirety (Sections 801, 803, 804); Restrictions on Secured Debt (Section 1008); Maintenance of Properties (Section 1005); Payment of Taxes and Other Claims (Section 1007); Restrictions on Sale and Lease-Back Transactions (Section 1009); Classification of Restricted and Unrestricted Subsidiaries (Section 1010); and any other covenant we designate when we establish the series of debt securities; and
- we will not have to treat the events described in the fourth bullet point under the heading “—Events of Default” as they relate to the covenants listed above that have been defeased and no longer are in effect and the events described in the fifth, sixth and seventh bullet points under the heading “—Events of Default” as events of default under the indenture in connection with that series.

In the event of a defeasance, our obligations under the indenture and the debt securities, other than with respect to the covenants and the events of default specifically referred to above, will remain in effect. (Section 1501)

If we exercise our option not to comply with the covenants listed above and the debt securities of that series become immediately due and payable because an event of default has occurred, other than as a result of an event of default specifically referred to above, the amount of money and/or Government Obligations on deposit with the trustee will be sufficient to pay the principal, interest, any premium and any other sums, due on the debt securities of that series, such as sinking fund payments, on the date the payments are due under the indenture and the terms of the debt securities, but may not be sufficient to pay amounts due at the time of acceleration. However, we would remain liable for the balance of the payments. (Section 1501)

Substitution of Collateral. At the time that we establish a series of debt securities under the indenture, we can provide for our ability to, at any time, withdraw any money or Government Obligations deposited pursuant to the defeasance provisions described above if we simultaneously substitute other money and/or Government Obligations which would satisfy our payment obligations on the debt securities of that series pursuant to the defeasance provisions applicable to those debt securities. (Section 402)

CAPITAL STOCK

General

The following description of our capital stock is subject to and qualified in its entirety by our certificate of incorporation and bylaws, which are incorporated by reference in a registration statement of which this prospectus forms a part, and by the provisions of applicable Delaware law. Under our certificate of incorporation, we are authorized to issue up to 3,000,000,000 shares of common stock, par value \$0.01 per share, and 10,000,000 shares of preferred stock without par value.

Voting Rights

Each holder of our common stock is entitled to one vote per share on all matters to be voted upon by the stockholders.

Dividends

Subject to preferences that may be applicable to any outstanding preferred stock, the holders of our common stock are entitled to receive ratably such dividends, if any, as may be declared from time to time by the board of directors out of funds legally available for that purpose.

Rights Upon Liquidation

In the event of our liquidation, dissolution or winding up, the holders of our common stock are entitled to share ratably in all assets remaining after payment of liabilities, subject to prior distribution rights of preferred stock, if any, then outstanding.

Preemptive or Conversion Rights

The holders of our common stock have no preemptive or conversion rights or other subscription rights. There are no redemption or sinking fund provisions applicable to the common stock.

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Preferred Stock

The board of directors has the authority, without action by the stockholders, to designate and issue preferred stock in one or more series and to designate the rights, preferences and privileges of each series, which may be greater than the rights of the common stock. It is not possible to state the actual effect of the issuance of any shares of preferred stock upon the rights of holders of the common stock until the board of directors determines the specific rights of the holders of such preferred stock. However, the effects might include, among other things:

- restricting dividends on the common stock,
- diluting the voting power of the common stock,
- impairing the liquidation rights of the common stock, or
- delaying or preventing a change in control of us without further action by the stockholders.

No shares of preferred stock are outstanding, and we have no present plans to issue any shares of preferred stock.

Anti-Takeover Effects of Our Certificate and By-laws and Delaware Law

Some provisions of Delaware law and our certificate of incorporation and bylaws, summarized below, are expected to discourage coercive takeover practices and inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our board. We believe that these provisions give our board the flexibility to exercise its fiduciary duties in a manner consistent with the interests of our shareholders.

- **STOCKHOLDER MEETINGS.** Under our bylaws, the board of directors or the chairman of the board, the chief executive officer or the secretary (with the concurrence of a majority of the board) may call special meetings of stockholders; in addition, record holders of 25% or more of the total 3M shares entitled to vote on the matter or matters to be brought before a special meeting may also cause the meeting to be held, but, if the Company's board of directors determines in good faith that the business specified in the stockholders' request will be included in an upcoming annual meeting of stockholders within 90 days after the request, the special meeting will not be held.
- **REQUIREMENTS FOR ADVANCE NOTIFICATION OF STOCKHOLDER NOMINATIONS AND PROPOSALS.** Our bylaws establish advance notice procedures with respect to stockholder proposals and the nomination of candidates for election as directors, other than nominations made by or at the direction of the board of directors or a committee of the board of directors.
- **DELAWARE LAW.** We are subject to Section 203 of the Delaware General Corporation Law. In general, Section 203 prohibits a publicly-held Delaware corporation from engaging in a "business combination" with an "interested stockholder" for a period of three years following the date the person became an interested stockholder, unless the "business combination" or the transaction in which the person became an interested stockholder is approved in a prescribed manner. Generally, a "business combination" includes a merger, asset or stock sale, or other transaction resulting in a financial benefit to the interested stockholder. Generally, an "interested stockholder" is a person who, together with affiliates and associates, owns or within three years prior to the determination of interested stockholder status, did own, 15% or more of a corporation's voting stock. The existence of this provision may have an anti-takeover effect with respect to transactions not approved in advance by the board of directors, including discouraging attempts that might result in a premium over the market price for the shares of common stock held by stockholders.
- **ELIMINATION OF STOCKHOLDER ACTION BY WRITTEN CONSENT.** Our certificate of incorporation eliminates the right of stockholders to act by written consent without a meeting.
- **ELIMINATION OF CUMULATIVE VOTING.** Our certificate of incorporation and bylaws do not provide for cumulative voting in the election of directors.
- **UNDESIGNATED PREFERRED STOCK.** The authorization of undesignated preferred stock makes it possible for the board of directors to issue preferred stock with voting or other rights or preferences that could impede the success of any

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attempt to change control of us. These and other provisions may have the effect of deferring hostile takeovers or delaying changes in control or management of us.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Wells Fargo Bank N.A., Shareowner Services.

PLAN OF DISTRIBUTION

We may sell the offered securities (a) through agents; (b) through underwriters or dealers; (c) directly to one or more purchasers; or (d) through a combination of any of these methods of sale. We will identify the specific plan of distribution, including any underwriters, dealers, agents or direct purchasers and their compensation in a prospectus supplement.

LEGAL MATTERS

In connection with particular offerings of the securities in the future, and if stated in the applicable prospectus supplements, the validity of those securities may be passed upon for the Company by Gregg M. Larson, who is our Deputy General Counsel, or another one of our attorneys, and for any underwriters or agents by counsel named in the applicable prospectus supplement. Mr. Larson beneficially owns, or has options to acquire, a number of shares of our common stock, which represents less than 0.1% of the total outstanding common stock.

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The consolidated financial statements and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report on Internal Control over Financial Reporting) incorporated in this prospectus by reference to 3M Company's Current Report on Form 8-K dated May 26, 2011 have been so incorporated in reliance on the report (which contains an explanatory paragraph on the effectiveness of internal control over financial reporting due to the exclusion of certain elements of the internal control over financial reporting of the Cogent Inc., Arizant Inc. and Attenti Holdings S.A. businesses the registrant acquired during 2010) of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

With respect to the unaudited financial information of 3M Company for the three-month periods ended March 31, 2011 and 2010 and the three-month and six-month periods ended June 30, 2011 and 2010 incorporated by reference in this prospectus, PricewaterhouseCoopers LLP reported that they have applied limited procedures in accordance with professional standards for a review of such information. However, their separate reports dated May 5, 2011 and August 4, 2011 incorporated by reference herein state that they did not audit and they do not express an opinion on that unaudited financial information. Accordingly, the degree of reliance on their reports with respect to such information should be restricted in light of the limited nature of the review procedures applied. PricewaterhouseCoopers LLP is not subject to the liability provisions of Section 11 of the Securities Act of 1933 for their reports on the unaudited financial information because those reports are not "reports" or a "part" of the registration statement prepared or certified by PricewaterhouseCoopers LLP within the meaning of Sections 7 and 11 of the Securities Act of 1933.

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PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the expenses (all of which are estimated) to be paid by the registrant in connection with the issuance and distribution of the securities being registered, other than underwriting discounts and commissions.

Securities and Exchange Commission registration fee	\$	*
Legal fees and expenses		**
Printing		**
Auditors' fees and expenses		**
Blue Sky fees and expenses		**
Trustee and Authenticating Agent fees	30,000	
Rating agency fees		**
Miscellaneous expenses		**
TOTAL	\$	**

* To be deferred pursuant to Rule 456(b) and calculated in connection with the offering of securities under this Registration Statement pursuant to Rule 457(r) under the Securities Act.

** Estimated expenses are not presently known.

Item 15. Indemnification of Directors and Officers.

Our Certificate of Incorporation eliminates the liability of directors to the fullest extent permitted by the General Corporation Law of the State of Delaware, which currently permits a corporation to eliminate the liability of a director for monetary damages for breach of the duty of care, subject to appropriate stockholder approval. In addition, our Bylaws contain provisions entitling directors, officers, and employees to indemnification to the fullest extent permitted by current Delaware law. 3M maintains liability insurance for its officers and directors as permitted under the Delaware law.

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Item 16. Exhibits.

- 1.1 Form of Underwriting Agreement with respect to the Debt Securities**
- 1.2 Form of Underwriting Agreement with respect to Common Stock**
- 3.1 Certificate of Incorporation of 3M Company, as amended as of May 11, 2007 (incorporated by reference to our Current Report on Form 8-K dated May 14, 2007)
- 3.2 Bylaws of 3M Company, as amended as of February 10, 2009 (incorporated by reference to our Current Report on Form 8-K dated February 12, 2009)
- 4.1 Indenture relating to our senior debt securities dated as of November 17, 2000 between 3M Company and The Bank of New York Mellon Trust Company, N.A., as successor trustee (incorporated by reference to our Current Report on Form 8-K, filed December 7, 2000)
- 4.2 First Supplemental Indenture dated as of July 29, 2011, to the Indenture relating to our senior debt securities dated as of November 17, 2000 between 3M Company and The Bank of New York Mellon Trust Company, N.A., as successor trustee (incorporated by reference to our Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2011)
- 4.3 Form of the stock certificate of the common stock, par value \$0.01 per share, of 3M Company (incorporated by reference to Exhibit 4.1 to our Registration Statement on Form S-3, Registration No. 333-103234, filed February 14, 2003)
- 5 Opinion of Gregg M. Larson, Deputy General Counsel of 3M as to the legality of the securities being registered*
- 12 Statement re Computation of Ratio of Earnings to Fixed Charges (incorporated by reference to Exhibits 12 to our Annual Report on Form 10-K for the year ended December 31, 2010 and our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2011 and June 30, 2011)
- 15 Awareness Letter of PricewaterhouseCoopers LLP (regarding interim financial information)*
- 23.1 Consent of PricewaterhouseCoopers LLP*
- 23.2 Consent of Gregg M. Larson (included in opinion filed herewith as Exhibit 5)*
- 24 Powers of Attorney*
- 25 Statement of Eligibility and Qualification on Form T-1 of The Bank of New York Mellon Trust Company, N.A., as successor trustee, of our senior debt securities*

* Filed herewith.

** To be filed by an amendment or as an exhibit to a document filed under the Securities Exchange Act of 1934 and incorporated by reference herein.

Item 17. Undertakings.

The undersigned Registrant hereby undertakes:

- (a) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not

exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

provided, however, that paragraphs (a)(i), (ii) and (iii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the Registration Statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of this Registration Statement.

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(b) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof;

(c) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(d) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) Each prospectus filed by a Registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the Registration Statement as of the date the filed prospectus was deemed part of and included in the Registration Statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(e) That, for the purpose of determining liability of the Registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the Registrant undertakes that in a primary offering of securities of the Registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the Registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the Registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the Registrant or used or referred to by the Registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about an undersigned Registrant or its securities provided by or on behalf of an undersigned Registrant; and

(iv) Any other communication that is an offer in the offering made by an undersigned Registrant to the purchaser.

(f) That, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(g) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised

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that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, that Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of St. Paul, and State

3M COMPANY

By /s/ Gregg M. Larson
Gregg M. Larson, *Deputy General Counsel & Secretary*

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates as indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>*</u> George W. Buckley	Chairman of the Board, Chief Executive Officer and Director (Principal Executive Officer)	
<u>/s/ David W. Meline</u> David W. Meline	Senior Vice President and Chief Financial Officer (Principal Financial Officer)	
<u>/s/ Nicholas C. Gangestad</u> Nicholas C. Gangestad	Vice President, Controller and Chief Accounting Officer (Principal Accounting Officer)	
<u>*</u> Linda G. Alvarado	Director	
<u>*</u> Vance D. Coffman	Director	
<u>*</u> Michael L. Eskew	Director	
<u>*</u> Edward M. Liddy	Director	
<u>*</u> Robert S. Morrison	Director	
<u>*</u> Aulana L. Peters	Director	
<u>*</u> W. James Farrell	Director	
<u>*</u> Herbert L. Henkel	Director	
<u>*</u> Robert J. Ulrich	Director	
<u>* By /s/ Gregg M. Larson</u> Gregg M. Larson		August 5, 2011

As Attorney-in-Fact for the individuals noted above with an asterisk

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EXHIBIT INDEX

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- 5 Opinion of Gregg M. Larson, Deputy General Counsel of 3M as to the legality of the securities being registered*

- 12 Statement re Computation of Ratio of Earnings to Fixed Charges (incorporated by reference to Exhibits 12 to our Annual Report on Form 10-K for the year ended December 31, 2010 and our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2011 and June 30, 2011)
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* Filed herewith.

** To be filed by an amendment or as an exhibit to a document filed under the Securities Exchange Act of 1934 and incorporated by reference herein.

3M Company
3M Center
St. Paul, MN 55144

August 5, 2011

Ladies and Gentlemen:

In my capacity as Deputy General Counsel of 3M Company, a Delaware corporation (the "Company"), I am furnishing this opinion in connection with the filing by the Company of a Registration Statement on Form S-3 (the "Registration Statement"), under the Securities Act of 1933, as amended (the "Securities Act"), with the Securities and Exchange Commission (the "Commission"), registering the Company's debt securities (the "Debt Securities") and shares of common stock, par value \$0.01 per share (the "Common Stock"), for proposed issuance and sale from time to time pursuant to Rule 415 under the Securities Act.

The Debt Securities will be issued from time to time pursuant to an indenture (the "Indenture") relating to the Company's senior debt securities, dated as of November 17, 2000, between the Company and The Bank of New York Mellon Trust Company, N.A., as successor trustee (the "Trustee"), as amended on July 29, 2011.

In connection with the foregoing, I have examined, or am familiar with, originals, or copies, certified or otherwise, identified to my satisfaction, of such documents, corporate records and other instruments as I have deemed necessary for the purpose of this opinion, including the following: (a) the form of Registration Statement as filed herewith, including, among others, the exhibits thereto; (b) the Certificate of Incorporation of the Company; (c) the By-laws of the Company; and (d) the resolutions of the Board of Directors of the Company authorizing the filing of the Registration Statement.

Based upon the foregoing and subject to the limitations, qualifications and assumptions set forth herein, I am of the opinion that:

1. When (a) the appropriate corporate action has been taken by the Company to authorize the forms, terms, execution and delivery of any series of the Debt Securities, (b) the Debt Securities shall have been duly issued and executed in the form and containing the terms set forth in the Registration Statement, the Indenture and such corporate action, and delivered against payment of the authorized consideration therefor, (c) any legally required consents, approvals, authorizations and other orders of the Commission and any other regulatory authorities are obtained, and (d) the Debt Securities have been authenticated by the Trustee, then, such Debt Securities will be validly issued and will constitute valid and binding obligations of the Company in accordance with their terms, in each case subject to bankruptcy, insolvency, reorganization and other laws of general applicability relating to or affecting the enforcement of creditors' rights and to general equity principles;
2. When (a) the appropriate corporate action has been taken to authorize the issuance of Common Stock, (b) any legally required consents, approvals, authorizations and other orders of the Commission and any other regulatory authorities are obtained, (c) the Common Stock shall have been duly issued and delivered by the Company against payment of the authorized consideration therefor, and (d) certificates evidencing such shares of Common Stock have been duly executed by the authorized officers of the Company in accordance with applicable law, then, such Common Stock will be validly issued, fully paid and non-assessable (provided that the consideration paid therefor is not less than the par value thereof).

I am familiar with the proceedings heretofore taken by the Company in connection with the authorization, registration, issuance and sale of the Debt Securities and Common Stock. I have, with your consent, relied as to factual matters on certificates or other documents furnished by the Company or its officers and by governmental authorities and upon such other documents and data that I have deemed appropriate. I have assumed the authenticity of all documents submitted to us as copies.

This opinion is limited to the Federal laws of the United States and the laws of the State of New York and the General Corporate Laws of the State of Delaware. I am expressing no opinions as to the effect of the laws of any other jurisdiction.

I am aware that I am referred to under the heading "Legal Matters" in the Prospectus forming a part of the Registration Statement, and I hereby consent to such use of my name therein and to the use of this opinion for filing with the Registration Statement as Exhibit 5 thereto. In giving this consent, I do not hereby admit that I am within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission promulgated thereunder.

Very truly yours,

/s/ Gregg M. Larson
Gregg M. Larson
Deputy General Counsel

Securities and Exchange Commission
100 F Street, N.E.
Washington, DC 20549

Commissioners:

We are aware that our reports dated August 4, 2011 and May 5, 2011 on our reviews of interim financial information of 3M Company for the three and sixmonth periods ended June 30, 2011 and 2010 and three month periods ended March 31, 2011 and 2010, respectively, and included in the Company's quarterly reports on Form 10-Q for the quarters ended June 30, 2011 and March 31, 2011 are incorporated by reference in its Registration Statement on Form S-3 dated August 5, 2011.

Very truly yours,

/s/ PricewaterhouseCoopers LLP

PricewaterhouseCoopers LLP
Minneapolis, Minnesota
August 5, 2011

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on FormS-3 of our report dated February 16, 2011 except with respect to our opinion on the consolidated financial statements insofar as it relates to the segment realignments discussed in Notes 3 and 17, which is as of May 26, 2011 relating to the financial statements and the effectiveness of internal control over financial reporting, which appears in 3M Company's Current Report on Form 8-K dated May 26, 2011. We also consent to the reference to us as experts under the heading "Independent Registered Public Accounting Firm" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP

PricewaterhouseCoopers LLP
Minneapolis, Minnesota
August 5, 2011

POWER OF ATTORNEY

Each of the undersigned Directors and the Principal Executive and Principal Financial and Accounting Officers of 3M COMPANY, a Delaware corporation, hereby constitute and appoint George W. Buckley, Patrick D. Campbell, Gregg M. Larson, David W. Meline, Marschall I. Smith, and Janet L. Yeomans, and each of them, his or her true and lawful attorneys-in-fact and agents, with full and several power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign one or more Registration Statements under the Securities Act of 1933, as amended, on Form S-3, or such other form as such attorneys-in-fact or any of them may deem necessary or desirable, and to sign any and all amendments (including post-effective amendments and supplements to such registration statement) for the registration of securities, in such forms as they or any one of them may approve, and to file the same with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing such said attorneys and agents may deem necessary or desirable to enable 3M COMPANY to comply with the Securities Act of 1933, as amended, and the Trust Indenture Act of 1939, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission in respect thereof, including specifically, but without limiting the generality of the foregoing, power and authority to sign the name of 3M COMPANY, and the names of the undersigned to one or more Registration Statements or amendments thereto and to any instruments and documents filed as part of or in connection therewith; as fully and to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming that said attorneys-in-fact and agents, or any of them or their substitutes, may lawfully do or cause to be done by virtue hereof.

The undersigned have signed this Power of Attorney this 8th day of February 2011.

/s/ George W. Buckley

George W. Buckley, Chairman of the Board,
President and Chief Executive Officer
(Principal Executive Officer and Director)

/s/ Patrick D. Campbell

Patrick D. Campbell, Senior Vice President and
Chief Financial Officer (Principal Financial Officer)

/s/ Linda G. Alvarado

Linda G. Alvarado, Director

/s/ David W. Meline

David W. Meline, Vice President, Controller and
Chief Accounting Officer (Principal Accounting Officer)

/s/ Vance D. Coffman

Vance D. Coffman, Director

/s/ Edward M. Liddy

Edward M. Liddy, Director

/s/ Michael L. Eskew

Michael L. Eskew, Director

/s/ Robert S. Morrison

Robert S. Morrison, Director

/s/ W. James Farrell

W. James Farrell, Director

/s/ Aulana L. Peters

Aulana L. Peters, Director

/s/ Herbert L. Henkel

Herbert L. Henkel, Director

/s/ Robert J. Ulrich

Robert J. Ulrich, Director

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM T-1

**STATEMENT OF ELIGIBILITY
UNDER THE TRUST INDENTURE ACT OF 1939 OF A
CORPORATION DESIGNATED TO ACT AS TRUSTEE**

**CHECK IF AN APPLICATION TO DETERMINE
ELIGIBILITY OF A TRUSTEE PURSUANT TO
SECTION 305(b)(2)**

**THE BANK OF NEW YORK MELLON
TRUST COMPANY, N.A.**

(Exact name of trustee as specified in its charter)

(Jurisdiction of incorporation
if not a U.S. national bank)

95-3571558
(I.R.S. employer
identification no.)

**700 South Flower Street
Suite 500
Los Angeles, California**
(Address of principal executive offices)

90017
(Zip code)

3M Company

(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

41-0417775
(I.R.S. employer
identification no.)

**3M Center
St. Paul, Minnesota**
(Address of principal executive offices)

55144
(Zip code)

Senior Debt Securities

(Title of the indenture securities)

1. General information. Furnish the following information as to the trustee:

(a) Name and address of each examining or supervising authority to which it is subject.

Name	Address
Comptroller of the Currency United States Department of the Treasury	Washington, DC 20219
Federal Reserve Bank	San Francisco, CA 94105
Federal Deposit Insurance Corporation	Washington, DC 20429

(b) Whether it is authorized to exercise corporate trust powers.

Yes.

2. Affiliations with Obligor.

If the obligor is an affiliate of the trustee, describe each such affiliation.

None.

16. List of Exhibits.

Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 (the "Act") and 17 C.F.R. 229.10(d).

1. A copy of the articles of association of The Bank of New York Mellon Trust Company, N.A., formerly known as The Bank of New York Trust Company, N.A. (Exhibit 1 to Form T-1 filed with Registration Statement No. 333-121948 and Exhibit 1 to Form T-1 filed with Registration Statement No. 333-152875).
2. A copy of certificate of authority of the trustee to commence business. (Exhibit 2 to Form T-1 filed with Registration Statement No. 333-121948).
3. A copy of the authorization of the trustee to exercise corporate trust powers (Exhibit 3 to Form T-1 filed with Registration Statement No. 333-152875).
4. A copy of the existing by-laws of the trustee (Exhibit 4 to Form T-1 filed with Registration Statement No. 333-162713).
6. The consent of the trustee required by Section 321(b) of the Act (Exhibit 6 to Form T-1 filed with Registration Statement No. 333-152875).
7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.

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SIGNATURE

Pursuant to the requirements of the Act, the trustee, The Bank of New York Mellon Trust Company, N.A., a banking association organized and existing under the laws of the United States of America, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in the City of Chicago, and State of Illinois, on the 1st day of August, 2011.

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.

By: /S/ D.G. Donovan
Name: D.G. Donovan
Title: Vice President

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EXHIBIT 7

Consolidated Report of Condition of
THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A.
of 700 South Flower Street, Suite 200, Los Angeles, CA 90017

At the close of business March 31, 2011, published in accordance with Federal regulatory authority instructions.

Dollar Amounts
in Thousands

<u>ASSETS</u>	
Cash and balances due from depository institutions:	
Noninterest-bearing balances and currency and coin	1,466
Interest-bearing balances	152
Securities:	
Held-to-maturity securities	0
Available-for-sale securities	786,518
Federal funds sold and securities purchased under agreements to resell:	
Federal funds sold	73,000
Securities purchased under agreements to resell	0
Loans and lease financing receivables:	
Loans and leases held for sale	0
Loans and leases, net of unearned income	0
LESS: Allowance for loan and lease losses	0
Loans and leases, net of unearned income and allowance	0
Trading assets	0
Premises and fixed assets (including capitalized leases)	8,911
Other real estate owned	0
Investments in unconsolidated subsidiaries and associated companies	1
Direct and indirect investments in real estate ventures	0
Intangible assets:	
Goodwill	856,313
Other intangible assets	209,097
Other assets	149,803
Total assets	<u>\$ 2,085,261</u>

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LIABILITIES

Deposits:	
In domestic offices	500
Noninterest-bearing	500
Interest-bearing	0
Not applicable	
Federal funds purchased and securities sold under agreements to repurchase:	
Federal funds purchased	0
Securities sold under agreements to repurchase	0
Trading liabilities	0
Other borrowed money:	
(includes mortgage indebtedness and obligations under capitalized leases)	268,691
Not applicable	
Not applicable	
Subordinated notes and debentures	0
Other liabilities	229,106
Total liabilities	498,297
Not applicable	

EQUITY CAPITAL

Perpetual preferred stock and related surplus	0
Common stock	1,000
Surplus (exclude all surplus related to preferred stock)	1,121,520
Not available	
Retained earnings	463,627
Accumulated other comprehensive income	817
Other equity capital components	0
Not available	
Total bank equity capital	1,586,964
Noncontrolling (minority) interests in consolidated subsidiaries	0
Total equity capital	1,586,964
Total liabilities and equity capital	<u>2,085,261</u>

I, Karen Bayz, CFO and Managing Director of the above-named bank do hereby declare that the Reports of Condition and Income (including the supporting schedules) for this report date have been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and are true to the best of my knowledge and belief.

Karen Bayz) CFO and Managing Director

We, the undersigned directors (trustees), attest to the correctness of the Report of Condition (including the supporting schedules) for this report date and declare that it has been examined by us and to the best of our knowledge and belief has been prepared in conformance with the instructions issued by the appropriate Federal regulatory authority and is true and correct.

Timothy Vara, President)
Frank P. Sulzberger, MD)
William D. Lindelof, MD) Directors (Trustees)