

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 8-K**

**CURRENT REPORT  
Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **September 21, 2017**

**3M Company**

(Exact name of registrant as specified in its Charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**1-3285**  
(Commission File Number)

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

**3M Center, St. Paul, Minnesota**  
(Address of Principal Executive Offices)

**55144-1000**  
(Zip Code)

Registrant's telephone number, including area code: **(651) 733-1110**

**Not Applicable**  
(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

**Item 8.01. Other Events**

The exhibits filed herewith are exhibits to the Registration Statement on Form S-3 (file no. 333-216219) of 3M Company (the "Company"), filed with the Securities and Exchange Commission on February 24, 2017. On September 21, 2017, the Company entered into a Terms Agreement with J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC, as representatives of the several purchasers named therein, relating to the sale of \$650,000,000 aggregate principal amount of the Company's 2.250% Notes due 2023, \$850,000,000 aggregate principal amount of the Company's 2.875% Notes due 2027 and \$500,000,000 aggregate principal amount of the Company's 3.625% Notes due 2047, issued off of the Company's Medium-Term Note Program, Series F.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
1.1	<a href="#">Terms Agreement relating to the issuance and sale of the Company's 2.250% Notes due 2023, 2.875% Notes due 2027 and 3.625% Notes due 2047</a>
4.1	<a href="#">Form of Global Note for the Company's 2.250% Notes due 2023</a>
4.2	<a href="#">Form of Global Note for the Company's 2.875% Notes due 2027</a>

4.3	<a href="#">Form of Global Note for the Company's 3.625% Notes due 2047</a>
5.1	<a href="#">Opinion of Gregg M. Larson relating to the Company's 2.250% Notes due 2023, 2.875% Notes due 2027 and 3.625% Notes due 2047</a>
23.1	<a href="#">Consent of Gregg M. Larson (included in Exhibit 5.1 above)</a>

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: October 2, 2017

**3M Company**

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

3M COMPANY  
 2.250% Notes due 2023  
 2.875% Notes due 2027  
 3.625% Notes due 2047

## TERMS AGREEMENT

September 21, 2017

J.P. Morgan Securities LLC  
 383 Madison Avenue  
 New York, New York 10179

Merrill Lynch, Pierce, Fenner & Smith  
 Incorporated  
 One Bryant Park  
 New York, New York 10036

Wells Fargo Securities LLC  
 550 South Tryon Street  
 Charlotte, North Carolina 28202

As representatives of the several Purchasers  
 identified in Schedule I hereto

Dear Ladies and Gentlemen:

Reference is made to the Second Amended and Restated Distribution Agreement, dated May 19, 2016 (the "Distribution Agreement"), between 3M Company (the "Company") on the one hand and the agents from time to time a party thereto (the "Agents") on the other relating to the issuance and sale by the Company from time to time of its medium-term notes, Series F (the "MTN Program"). The Company proposes to issue and sell to J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC, and each of the other entities identified in Schedule I hereto (such other entities, the "Additional Agents" and, collectively with J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC, the "Purchasers"), for whom J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC are acting as representatives, the securities specified in Schedule I hereto (the "Purchased Securities"). The Company hereby appoints each of the Additional Agents as an Agent under the MTN Program but only in respect of the Purchased Securities and each of the Additional Agents hereby accepts such appointment. For the purposes of the sale and offering of the Purchased Securities as contemplated hereby, each of the Additional Agents named herein agrees that it shall be bound by the obligations of Agents set forth in, and shall be entitled to the benefits of such Agents pursuant to, the provisions of the Distribution Agreement and each of the provisions of the Distribution Agreement (excluding, for the avoidance of doubt, the Administrative Procedure (as defined therein) and any provisions related to the solicitation by the Agents, as

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agents of the Company, of offers to purchase Securities) is incorporated herein by reference in its entirety, and shall be deemed to be part of this Terms Agreement to the same extent as if such provisions had been set forth in full herein. Nothing contained herein or in the Distribution Agreement shall make any party hereto an agent of the Company or make such party subject to the provisions therein relating to the solicitation of offers to purchase Securities from the Company, solely by virtue of its execution of this Terms Agreement. Each of the representations and warranties set forth therein shall be deemed to have been made at and as of the date of this Terms Agreement to the Purchasers, except that each representation and warranty in Section 1 of the Distribution Agreement which makes reference to the Prospectus shall be deemed to be a representation and warranty as of the date of the Distribution Agreement in relation to the Prospectus (as therein defined), and also a representation and a warranty as of the date of this Terms Agreement in relation to the Prospectus as amended and supplemented to relate to the Purchased Securities.

A supplement to the Prospectus relating to the Purchased Securities, in a form satisfactory to you will be filed with the Commission within the time period specified in Rule 424(b) under the Securities Act of 1933, as amended.

1. Subject to the terms and conditions set forth herein and in the Distribution Agreement incorporated herein by reference, the Company agrees to issue and sell to the Purchasers identified in Schedule I hereto, and such Purchasers severally agree to purchase from the Company the Purchased Securities, at the time and place, in the respective principal amounts and at the respective purchase prices set forth in Schedule I hereto.

2. If one or more of the Purchasers shall fail at the Time of Delivery to purchase the Purchased Securities (the "Defaulted Securities"), then the nondefaulting Purchasers shall have the right, within 24 hours thereafter, to make arrangements for one of them or one or more other Purchasers to purchase all, but not less than all, of the Defaulted Securities in such amounts as may be agreed upon and upon the terms herein set forth; provided, however, that if such arrangements shall not have been completed within such 24-hour period, then:

(a) if the aggregate principal amount of Defaulted Securities does not exceed 10% of the aggregate principal amount of Purchased Securities, the nondefaulting Purchasers shall be obligated, severally and not jointly, to purchase the full amount thereof in the proportions that their respective initial obligations under this Terms Agreement bear to the obligations of all nondefaulting Purchasers under this Terms Agreement; or

(b) if the aggregate principal amount of Defaulted Securities exceeds 10% of the aggregate principal amount of Purchased Securities, this Terms Agreement shall terminate without liability on the part of any nondefaulting Purchaser.

No action taken pursuant to this Section 2 shall relieve any defaulting Purchaser from liability in respect of its default. In the event of any such default which does not result in a termination of this Terms Agreement, either the nondefaulting Purchasers or the Company shall have the right to postpone the Time of Delivery for a period not exceeding seven days in order to

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3. The Purchasers shall be obligated, severally, to pay the fees and disbursements of their counsel in the same proportion as the aggregate principal amount of Purchased Securities set forth opposite their respective names in Schedule I hereto (it being understood that nothing in this provision shall impact the obligations of the Company pursuant to Sections 7 and 8 of the Distribution Agreement).

If the foregoing is in accordance with your understanding, please sign and return to us a counterpart hereof, and upon acceptance hereof by you this letter and such acceptance hereof, including those provisions of the Distribution Agreement incorporated herein by reference, shall constitute a binding agreement between you and the Company.

3M Company

By: /s/ Nicholas C. Gangestad  
Name: Nicholas C. Gangestad  
Title: Senior Vice President and Chief Financial Officer

By: /s/ Matthew J. Ginter  
Name: Matthew J. Ginter  
Title: Treasurer, Vice President

*[Signature Page to Terms Agreement]*

Accepted as of the date hereof:

J.P. Morgan Securities LLC

By: /s/ Stephen L. Sheiner  
Name: Stephen L. Sheiner  
Title: Executive Director

Merrill Lynch, Pierce, Fenner & Smith  
Incorporated

By: /s/ Shawn Cepeda  
Name: Shawn Cepeda  
Title: Managing Director

Wells Fargo Securities, LLC

By: /s/ Carolyn Hurley  
Name: Carolyn Hurley  
Title: Director

On behalf of themselves and the other several Purchasers

*[Signature Page to Terms Agreement]*

Schedule I

**2.250% NOTES DUE 2023**

TITLE OF PURCHASED SECURITIES:  
Medium-Term Notes, Series F, 2.250% Notes due 2023

AGGREGATE PRINCIPAL AMOUNT:  
\$650,000,000

PRICE TO PUBLIC: 99.934%

PURCHASE PRICE to be paid by the Purchasers:

99.684% of the principal amount of the Purchased Securities, plus accrued interest, if any, from October 2, 2017.

METHOD OF AND SPECIFIED FUNDS FOR PAYMENT OF PURCHASE PRICE:

By wire transfer to a bank account specified by the Company in immediately available funds.

INDENTURE:

Indenture, dated as of November 17, 2000, as supplemented by a First Supplemental Indenture dated as of July 29, 2011 and as it may be further supplemented from time to time, between the Company and The Bank of New York Mellon Trust Company, N.A., Trustee

APPLICABLE TIME: 5:00 p.m. September 21, 2017 Eastern Time

TIME OF DELIVERY: October 2, 2017

CLOSING LOCATION: Sidley Austin LLP, 787 Seventh Avenue, New York, New York 10019

MATURITY: March 15, 2023

INTEREST RATE:

2.250% per annum

INTEREST PAYMENT DATES:

Payable semiannually March 15 and September 15 of each year, commencing March 15, 2018

REGULAR RECORD DATE:

The 15<sup>th</sup> calendar day immediately preceding the applicable Interest Payment Date

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DAY COUNT CONVENTION:

30/360

DOCUMENTS TO BE DELIVERED:

The following documents referred to in the Distribution Agreement shall be delivered as a condition to the Closing:

- (1) The opinion or opinions of counsel to the Purchasers referred to in Section 4(h).
- (2) The opinion of counsel to the Company referred to in Section 4(i).
- (3) The accountants' letters referred to in Section 4(j), which shall be delivered on the date hereof with a bring-down comfort letter in form and substance satisfactory to the Purchasers to be delivered on the date of Closing.
- (4) The officers' certificate referred to in Section 4(k).

OTHER PROVISIONS (INCLUDING SYNDICATE PROVISIONS, IF APPLICABLE):

Optional Make-Whole Redemption and Redemption at Par Prior to Maturity as described in the Final Term Sheet attached to this Terms Agreement as Exhibit A

Schedule of Purchasers:

<b>Purchasers</b>	<b>Principal Amount of 2.250% Notes due 2023</b>
J.P. Morgan Securities LLC	127,400,000
Merrill Lynch, Pierce, Fenner & Smith Incorporated	127,400,000
Wells Fargo Securities, LLC	127,400,000
Barclays Capital Inc.	127,400,000
Morgan Stanley & Co. LLC	127,400,000
Academy Securities, Inc.	3,250,000
C.L. King & Associates, Inc.	3,250,000
Samuel A. Ramirez & Company, Inc.	3,250,000
The Williams Capital Group, L.P.	3,250,000
Total	<u>\$ 650,000,000</u>

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**2.875% NOTES DUE 2027**

TITLE OF PURCHASED SECURITIES:

Medium-Term Notes, Series F, 2.875% Notes due 2027

AGGREGATE PRINCIPAL AMOUNT:

\$850,000,000

PRICE TO PUBLIC: 99.386%

PURCHASE PRICE to be paid by the Purchasers:

98.986% of the principal amount of the Purchased Securities, plus accrued interest, if any, from October 2, 2017.

METHOD OF AND SPECIFIED FUNDS FOR PAYMENT OF PURCHASE PRICE:

By wire transfer to a bank account specified by the Company in immediately available funds.

INDENTURE:

Indenture, dated as of November 17, 2000, as supplemented by a First Supplemental Indenture dated as of July 29, 2011 and as it may be further supplemented from time to time, between the Company and The Bank of New York Mellon Trust Company, N.A., Trustee

APPLICABLE TIME: 5:00 p.m. September 21, 2017 Eastern Time

TIME OF DELIVERY: October 2, 2017

CLOSING LOCATION: Sidley Austin LLP, 787 Seventh Avenue, New York, New York 10019

MATURITY: October 15, 2027

INTEREST RATE:

2.875% per annum

INTEREST PAYMENT DATES:

Payable semiannually April 15 and October 15 of each year, commencing April 15, 2018

REGULAR RECORD DATE:

The 15<sup>th</sup> calendar day immediately preceding the applicable Interest Payment Date

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DAY COUNT CONVENTION:

30/360

DOCUMENTS TO BE DELIVERED:

The following documents referred to in the Distribution Agreement shall be delivered as a condition to the Closing:

- (1) The opinion or opinions of counsel to the Purchasers referred to in Section 4(h).
- (2) The opinion of counsel to the Company referred to in Section 4(i).
- (3) The accountants' letters referred to in Section 4(j), which shall be delivered on the date hereof with a bring-down comfort letter in form and substance satisfactory to the Purchasers to be delivered on the date of Closing.
- (4) The officers' certificate referred to in Section 4(k).

OTHER PROVISIONS (INCLUDING SYNDICATE PROVISIONS, IF APPLICABLE):

Optional Make-Whole Redemption and Redemption at Par Prior to Maturity as described in the Final Term Sheet attached to this Terms Agreement as Exhibit A

Schedule of Purchasers:

<b>Purchasers</b>	<b>Principal Amount of 2.875% Notes due 2027</b>
J.P. Morgan Securities LLC	166,600,000
Merrill Lynch, Pierce, Fenner & Smith Incorporated	166,600,000
Wells Fargo Securities, LLC	166,600,000
Barclays Capital Inc.	166,600,000
Morgan Stanley & Co. LLC	166,600,000
Academy Securities, Inc.	4,250,000
C.L. King & Associates, Inc.	4,250,000
Samuel A. Ramirez & Company, Inc.	4,250,000
The Williams Capital Group, L.P.	4,250,000
Total	<u>\$ 850,000,000</u>

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**3.625% NOTES DUE 2047**

TITLE OF PURCHASED SECURITIES:

Medium-Term Notes, Series F, 3.625% Notes due 2047

AGGREGATE PRINCIPAL AMOUNT:

\$500,000,000

PRICE TO PUBLIC: 99.058%

PURCHASE PRICE to be paid by the Purchasers:

98.308% of the principal amount of the Purchased Securities, plus accrued interest, if any, from October 2, 2017.

METHOD OF AND SPECIFIED FUNDS FOR PAYMENT OF PURCHASE PRICE:

By wire transfer to a bank account specified by the Company in immediately available funds.

INDENTURE:

Indenture, dated as of November 17, 2000, as supplemented by a First Supplemental Indenture dated as of July 29, 2011 and as it may be further supplemented from time to time, between the Company and The Bank of New York Mellon Trust Company, N.A., Trustee

APPLICABLE TIME: 5:00 p.m. September 21, 2017 Eastern Time

TIME OF DELIVERY: October 2, 2017

CLOSING LOCATION: Sidley Austin LLP, 787 Seventh Avenue, New York, New York 10019

MATURITY: October 15, 2047

INTEREST RATE:

3.625% per annum

INTEREST PAYMENT DATES:

Payable semiannually April 15 and October 15 of each year, commencing April 15, 2018

REGULAR RECORD DATE:

The 15<sup>th</sup> calendar day immediately preceding the applicable Interest Payment Date

DAY COUNT CONVENTION:

30/360

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DOCUMENTS TO BE DELIVERED:

The following documents referred to in the Distribution Agreement shall be delivered as a condition to the Closing:

- (1) The opinion or opinions of counsel to the Purchasers referred to in Section 4(h).
- (2) The opinion of counsel to the Company referred to in Section 4(i).
- (3) The accountants' letters referred to in Section 4(j), which shall be delivered on the date hereof with a bring-down comfort letter in form and substance satisfactory to the Purchasers to be delivered on the date of Closing.
- (4) The officers' certificate referred to in Section 4(k).

OTHER PROVISIONS (INCLUDING SYNDICATE PROVISIONS, IF APPLICABLE):

Optional Make-Whole Redemption and Redemption at Par Prior to Maturity as described in the Final Term Sheet attached to this Terms Agreement as Exhibit A

Schedule of Purchasers:

<b>Purchasers</b>	<b>Principal Amount of 3.625% Notes due 2047</b>
J.P. Morgan Securities LLC	98,000,000
Merrill Lynch, Pierce, Fenner & Smith Incorporated	98,000,000
Wells Fargo Securities, LLC	98,000,000
Barclays Capital Inc.	98,000,000
Morgan Stanley & Co. LLC	98,000,000
Academy Securities, Inc.	2,500,000
C.L. King & Associates, Inc.	2,500,000
Samuel A. Ramirez & Company, Inc.	2,500,000
The Williams Capital Group, L.P.	2,500,000
Total	<u>\$ 500,000,000</u>

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Schedule II

Materials Other than the Pricing Prospectus and Final Term Sheet Included in the  
Disclosure Package

None

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Schedule III

Issuer Free Writing Prospectuses Not Included in the  
Disclosure Package

Road Show: None

Press Release, dated September 21, 2017, Announcing the Offering and the Concurrent Tender Offers

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Exhibit A

Final Term Sheet

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## Fixed Rate Medium-Term Note

(Face of Security)

THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE EXCHANGED IN WHOLE OR IN PART FOR A SECURITY REGISTERED, AND NO TRANSFER OF THIS SECURITY IN WHOLE OR IN PART MAY BE REGISTERED, IN THE NAME OF ANY PERSON OTHER THAN SUCH DEPOSITARY OR A NOMINEE THEREOF, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE.

UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY, A NEW YORK CORPORATION (“DTC”), TO 3M COMPANY, OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

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CUSIP NO.: 88579Y AX9  
ISIN NO.: US88579YAX94

3M COMPANY

MEDIUM-TERM NOTES, SERIES F  
(Fixed Rate)

The following terms apply to this Security, as and to the extent shown below:

PRINCIPAL AMOUNT: \$500,000,000

REDEMPTION COMMENCEMENT DATE: N/A

STATED MATURITY DATE: March 15, 2023

REPAYMENT DATE(S): N/A

SPECIFIED CURRENCY: U.S. dollars for all payments unless otherwise specified below:

REDEMPTION OR REPAYMENT PRICE(S): N/A

payments of principal and any premium:

INTEREST RATE: 2.250% per annum

payments of interest:

INTEREST PAYMENT DATES: March 15 and September 15 of each year, commencing March 15, 2018

Exchange Rate Agent:  
N/A

OTHER TERMS: Optional-Make-Whole Redemption and Redemption at Par Prior to Maturity. See Addendum attached hereto.

ORIGINAL ISSUE DATE: October 2, 2017

ORIGINAL ISSUE DISCOUNT SECURITY:  
N/A

DEFEASANCE:

- Full Defeasance: Applicable  
 Covenant Defeasance: Applicable

Terms left blank or marked “N/A”, “No”, “None” or in a similar manner do not apply to this Security except as otherwise may be specified.

Whenever used in this Security, the terms specified above that apply to this Security have the meanings specified above, unless the context requires otherwise. Other terms used in this Security that are not defined herein but that are defined in the Indenture referred to in Section 1 on the reverse of this Security are used herein as defined therein.

3M Company, a corporation duly organized and existing under the laws of the State of Delaware (hereinafter called the “Company”, which term includes any successor Person under the Indenture), for value received, hereby promises to pay to Cede & Co., or registered assigns, as principal the Principal Amount on the Stated Maturity Date and to pay interest thereon, at the Interest Rate shown above (computed on the basis of a 360-day year of twelve 30-day months), semi-annually on each Interest Payment Date set forth above from and after the date of this Security and at Maturity until payment of the principal amount hereof has been made or duly provided for. Each payment of interest due on an Interest Payment Date or the date of Maturity will include interest accrued from and including the last date to which interest has been paid, or made available for payment, or from the Original Issue Date if none has been paid, or made available for payment, to but excluding the Interest Payment Date or the date of Maturity, as the case may be. Unless this Security is a Security which has been issued upon transfer of, in exchange for, or in replacement of, a Predecessor Security, interest on this Security shall accrue from the Original Issue Date indicated above. If this Security has been issued upon transfer of, in exchange for, or in replacement of, a Predecessor Security, interest on this Security shall accrue from the last Interest Payment Date to which interest was paid on such Predecessor Security or, if no interest was paid on such Predecessor Security, from the Original Issue Date indicated above. Any premium and any such installment of interest that is overdue at any time shall also bear interest (to the extent that the payment of such interest shall be legally enforceable), at the rate per annum at which the principal then bears interest, from the date any such overdue amount first becomes due until it is paid or made available for payment. Notwithstanding the foregoing, interest on any principal, premium or installment of interest that is overdue shall be payable on demand.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in the Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the 15th calendar day (whether or not a Business Day, as such term is defined in Section 3(c) on the reverse hereof) next preceding such Interest Payment Date (a “Regular Record Date”). If interest is due at Maturity but on a day that is not an Interest Payment Date, interest will be paid to the Person entitled to receive the principal hereof. Any interest so payable, but not punctually paid or duly provided for, on any Interest Payment Date will forthwith cease to be payable to the Holder on such Regular Record Date and such Defaulted Interest either may be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be

fixed by the Trustee, notice whereof shall be given to the Holder of this Security not less than 10 days prior to such Special Record Date, or may be paid in any other lawful manner not inconsistent with the requirements of any securities exchange on which this Security may be listed, and upon such notice as may be required by such exchange, all as more fully provided in the Indenture.

#### ***Currency of Payment***

Payment of principal of (and premium, if any) and interest on this Security will be made in the Specified Currency for such payment, except as provided in this and the next three paragraphs. The Specified Currency for any payment shall be the currency specified as such on the face of this Security unless, at the time of such payment, such currency is not legal tender for the payment of public and private debts in the country issuing such currency on the Original

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Issue Date, in which case the Specified Currency for such payment shall be such coin or currency as at the time of such payment is legal tender for the payment of public and private debts in such country, except as provided in the next sentence. If the euro is specified on the face of this Security as the Specified Currency for any payment, the Specified Currency for such payment shall be such coin or currency as at the time of payment is legal tender for the payment of public and private debts in all EMU Countries (as defined in Section 3(c) on the reverse hereof), *provided* that, if on any day there are not at least two EMU Countries, or if on any day there are at least two EMU Countries but no coin or currency is legal tender for the payment of public and private debts in all EMU Countries, then the Specified Currency for such payment shall be deemed not to be available to the Company on such day.

Except as provided in the next paragraph, any payment to be made on this Security in a Specified Currency other than U.S. dollars will be made in U.S. dollars if the Person entitled to receive such payment transmits a written request for such payment to be made in U.S. dollars to the Trustee at its Corporate Trust Office, on or before the tenth day before the payment is to be made. Such written request may be mailed, hand delivered, telecopied or delivered in any other manner approved by the Trustee. Any such request made with respect to any payment on this Security payable to a particular Holder will remain in effect for all later payments on this Security payable to such Holder, unless such request is revoked on or before the tenth day before a payment is to be made, in which case such revocation shall be effective for such and all later payments. In the case of any payment of interest payable on an Interest Payment Date, such written request must be made by the Person who is the registered Holder of this Security on the relevant Regular Record Date.

The U.S. dollar amount of any payment made pursuant to the preceding paragraph will be determined by the Exchange Rate Agent based upon the highest bid quotation received by the Exchange Rate Agent as of 11:00 A.M., New York City time, on the second Business Day preceding the applicable payment date, from three (or, if three are not available, then two) recognized foreign exchange dealers selected by the Exchange Rate Agent in The City of New York, in each case for the purchase by the quoting dealer, for U.S. dollars and for settlement on such payment date of an amount of the Specified Currency for such payment equal to the aggregate amount of such Specified Currency payable on such payment date to all Holders of Securities of this or any other series who elect to receive U.S. dollar payments on such payment date, and at which the applicable dealer commits to execute a contract. If the Exchange Rate Agent determines that two such bid quotations are not available on such second Business Day, such payment will be made in the Specified Currency for such payment. All currency exchange costs associated with any payment in U.S. dollars on this Security will be borne by the Holder entitled to receive such payment, by deduction from such payment.

Notwithstanding the foregoing, if any amount payable on this Security is payable on any day (including at Maturity) in a Specified Currency other than U.S. dollars, and if such Specified Currency is not available to the Company on the two Business Days before such day, due to the imposition of exchange controls, disruption in a currency market or any other circumstances beyond the control of the Company, the Company will be entitled to satisfy its obligation to pay such amount in such Specified Currency by making such payment in U.S. dollars. The amount of such payment in U.S. dollars shall be determined by the Exchange Rate Agent on the basis of the noon buying rate for cable transfers in The City of New York for such Specified Currency

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(the "Exchange Rate") as of the latest day before the day on which such payment is to be made. Any payment made under such circumstances in U.S. dollars where the required payment is in other than U.S. dollars will not constitute an Event of Default under the Indenture or this Security.

#### ***Manner of Payment - U.S. Dollars***

Except as provided in the next paragraph, payment of any amount payable on this Security in U.S. dollars will be made at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose), against surrender of this Security in the case of any payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date); *provided, however*, that, at the option of the Company and subject to the next paragraph, payment of interest may be made by check mailed to the address of the Person entitled thereto as such address shall appear in the Security Register.

Payment of any amount payable on this Security in U.S. dollars will be made by wire transfer of immediately available funds to an account maintained by the payee with a bank located in The City of New York, if (i) the principal of this Security is at least \$1,000,000 and (ii) the Holder entitled to receive such payment transmits a written request for such payment to be made in such manner to the Paying Agent at its Corporate Trust Office, Attention: Corporate Finance Group, The Bank of New York Mellon Trust Company, N.A., on or before the tenth day before the day on which such payment is to be made; *provided* that, in the case of any such payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date), this Security must be surrendered at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose) in time for the Paying Agent to make such payment in such funds in accordance with its normal procedures. Any such request made with respect to any payment on this Security payable to a particular Holder will remain in effect for all later payments on this Security payable to such Holder, unless such request is revoked on or before the tenth day before a payment is to be made, in which case such revocation shall be effective for such and all later payments. In the case of any payment of interest payable on an Interest Payment Date, such written request must be made by the Person who is the registered Holder of this Security on the relevant Regular Record Date. If principal or another amount besides interest is due on this Security at Maturity, the Company will pay the amount to the Holder of this Security against surrender hereof at a proper place of payment or, in the case of a Global Security, as provided below in accordance with the applicable policies of the Depository. The Company will pay any administrative costs imposed by banks in connection with making payments by wire transfer with respect to this Security, but any tax, assessment or other governmental charge imposed upon any payment will be borne by the Holder of this Security and may be deducted from the payment by the Company or the Paying Agent.

#### ***Manner of Payment - Other Specified Currencies***

Payment of any amount payable on this Security in a Specified Currency other than U.S. dollars will be made by wire transfer of immediately available funds to such account as is maintained in such Specified Currency at a bank or other financial institution acceptable to the

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Company and the Trustee and as shall have been designated at least ten days prior to the applicable payment date by the Person entitled to receive such payment, provided that, in the case of any such payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date), this Security must be surrendered at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose) in time for the Paying Agent to make such payment in such funds in accordance with its normal procedures. Such account designation shall be made by transmitting the appropriate information to the Paying Agent at its Corporate Trust Office, Attention: Corporate Finance Group, The Bank of New York Mellon Trust Company, N.A., by mail, hand delivery, telecopier or in any other manner approved by the Trustee. Unless revoked, any such account designation made with respect to this Security by the Holder hereof will remain in effect with respect to any further payments with respect to this Security payable to such Holder. If a payment in a Specified Currency other than U.S. dollars with respect to this Security cannot be made by wire transfer because the required account designation has not been received by the Paying Agent on or before the requisite date or for any other reason, the Company will cause a notice to be given to the Holder of this Security at its registered address requesting an account designation pursuant to which such wire transfer can be made and such payment will be made within five Business Days after the Paying Agent's receipt of such a designation meeting the requirements specified above, with the same force and effect as if made on the due date. The Company will pay any administrative costs imposed by banks in connection with making payments by wire transfer with respect to this Security, but any tax, assessment or other governmental charge imposed upon any payment will be borne by the Holder of this Security and may be deducted from the payment by the Company or the Paying Agent.

**Manner of Payment - Global Securities**

Notwithstanding any provision of this security or the Indenture, if this Security is a Global Security, the Company may make any and all payments of principal, premium and interest on this Security pursuant to the applicable policies of the Depository for this Security as permitted in the Indenture.

**Payments Due on a Business Day**

Unless otherwise specified on the face of this Security, the following sentence shall apply to this Security. Notwithstanding any provision of this Security or the Indenture, if any amount of principal, premium or interest would otherwise be due on this Security on a day (the "Specified Day") that is not a Business Day, such amount may be paid or made available for payment on the next succeeding Business Day with the same force and effect as if such amount were paid on the Specified Day and an additional interest will accrue with respect to the payment made on that next succeeding Business Day. The provisions of this paragraph shall apply to this Security in lieu of the provisions of Section 113 of the Indenture.

Reference is hereby made to the further provisions of this Security set forth on the reverse hereof, which further provisions shall for all purposes have the same effect as if set forth at this place.

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Unless the certificate of authentication hereon has been executed by the Trustee by manual signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

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IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed.

3M COMPANY

By

Name: Nicholas C. Gangestad  
Title: Senior Vice President and Chief Financial Officer

By

Name: Matthew J. Ginter  
Title: Vice President and Treasurer

This is one of the Securities of the series designated herein and referred to in the Indenture.

Dated: October 2, 2017

The Bank of New York Mellon Trust Company, N.A., as Trustee

By

Authorized Signatory

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(Reverse of Security)

1. **Securities and Indenture.**

This Security is one of a duly authorized issue of securities of the Company (herein called the "Securities") issued and to be issued in one or more series under an Indenture, dated as of November 17, 2000 as amended or supplemented from time to time (herein called the "Indenture", which term shall have the meaning assigned to it in such instrument), between the Company and The Bank of New York Mellon Trust Company, N.A., as Trustee (herein called the "Trustee", which term includes any successor trustee under the Indenture), and reference is hereby made to the Indenture for a statement of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered.

2. **Series and Denominations.**

This Security is one of the series designated on the face hereof, limited to an aggregate principal amount not to exceed \$18,000,000,000 (or the equivalent thereof in any other currency or currencies or currency units), which amount may be increased at the option of the Company if in the future it determines that it may wish to

sell additional Securities of this series. References herein to “this series” mean the series of securities designated on the face hereof.

The Company may create and issue additional Securities with the same terms as this Security, so that the additional Securities will be considered as part of the same issuance as the earlier issuance.

The Securities of this series are issuable only in registered form without coupons in “Authorized Denominations”, which term shall have the following meaning. Unless otherwise specified, for each Security of this series having a principal amount payable in U.S. dollars, the Authorized Denominations shall be \$2,000 and integral multiples of \$1,000 in excess thereof. Unless otherwise specified, for each Security of this series having a principal amount payable in a Specified Currency other than U.S. dollars, the Authorized Denominations shall be the amount of such Specified Currency equivalent, at the Exchange Rate on the first Business Day next preceding the date on which the Company accepts the offer to purchase such Security, to \$2,000 and integral multiples of \$1,000 in excess thereof.

3. ***Interest Rate.***

(a) ***Calculation of Interest.*** Payments of interest hereon with respect to any Interest Payment Date or at the Maturity of the principal hereof will include interest accrued to but excluding such Interest Payment Date or the date of such Maturity, as the case may be.

All percentages resulting from any calculation with respect to this Security will be rounded upward or downward, as appropriate, to the next higher or lower one hundred-thousandth of a percentage point (e.g., 9.876541% (or .09876541) being rounded down to 9.87654% (or .0987654) and 9.876545% (or .09876545) being rounded up to 9.87655% (or .0987655)). All amounts used in or resulting from any calculation with respect to this Security will be rounded upward or downward, as appropriate, to the nearest cent, in the case of U.S.

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dollars, or to the nearest corresponding hundredth of a unit, in the case of a currency other than U.S. dollars, with one-half cent or one-half of a corresponding hundredth of a unit or more being rounded upward.

(b) ***Exchange Rate Agent.*** The Company has initially appointed the institution named on the face of this Security as Exchange Rate Agent, to act as such agent with respect to this Security, but the Company may, in its sole discretion, appoint any other institution (including any Affiliate of the Company) to serve as such agent from time to time. The Company will give the Trustee prompt written notice of any change in any such appointment. Insofar as this Security provides for any such agent to obtain rates, quotes or other data from a bank, dealer or other institution for use in making any determination hereunder, such agent may do so from any institution or institutions of the kind contemplated hereby notwithstanding that any one or more of such institutions are any such agent, Affiliates of any such agent or Affiliates of the Company.

All determinations made by the Exchange Rate Agent may be made by such agent in its sole discretion and, absent manifest error, shall be conclusive for all purposes and binding on the Holder of this Security and the Company. The Exchange Rate Agent shall not have any liability therefor.

(c) ***Definitions of Terms.*** As used in this Security, the following terms have the meanings set forth below:

“Business Day” means, for this Security, a day that meets the requirements set forth in each of clauses (i) through (iv) below, in each case to the extent such requirements apply to this Security as specified below:

(i) is a Monday, Tuesday, Wednesday, Thursday or Friday that is not a day on which banking institutions in The City of New York generally are authorized or obligated by law, regulation or executive order to close;

(ii) if the Specified Currency for payment of principal of or interest on this Security is other than U.S. dollars or euros, is also a day on which banking institutions in the principal financial center of the country issuing such Specified Currency are not authorized or obligated by law, regulation or executive order to close;

(iii) if the Specified Currency for payment of principal of or interest on this Security is euros, is also a TARGET Business Day; and

(iv) solely with respect to any payment or other action to be made or taken at any Place of Payment outside The City of New York, is a Monday, Tuesday, Wednesday, Thursday or Friday that is not a day on which banking institutions in such Place of Payment generally are authorized or obligated by law, regulation or executive order to close.

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With respect to any particular location, the close of business on any day on which business is not being conducted at that location shall be deemed to mean 5:00 P.M., New York City time, on that day.

“EMU Countries” means, at any time, the countries (if any) then participating in the European Economic and Monetary Union (or any successor union) pursuant to the Treaty on European Union of February 1992 (or any successor treaty), as it may be amended from time to time.

“TARGET Business Day” means any day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET) System, or any successor system, is open for business.

References in this Security to U.S. dollars shall mean, as of any time, the coin or currency that is then legal tender for the payment of public and private debts in the United States of America.

References in this Security to the euro shall mean, as of any time, the coin or currency (if any) that is then legal tender for the payment of public and private debts in all EMU Countries.

References in this Security to a particular currency other than U.S. dollars and euros shall mean, as of any time, the coin or currency that is then legal tender for the payment of public and private debts in the country issuing such currency on the Original Issue Date.

4. ***Redemption at the Company's Option.***

Unless a Redemption Commencement Date is specified on the face hereof or as otherwise specified in this Security (including in the Addendum attached hereto), this Security shall not be redeemable at the option of the Company before the Stated Maturity Date. If a Redemption Commencement Date is so specified, and unless otherwise specified on the face hereof, this Security is subject to redemption upon not less than 30 days' nor more than 60 days' notice at any time and from time to time on or after the Redemption Commencement Date, in each case as a whole or in part, at the election of the Company and at the applicable Redemption Price specified on the face

hereof (expressed as a percentage of the principal amount of this Security to be redeemed), together with accrued interest to the Redemption Date, but interest installments due on or prior to such Redemption Date will be payable to the Holder of this Security, or one or more Predecessor Securities, of record at the close of business on the relevant Regular Record Date, all as provided in the Indenture.

5. **Repayment at the Holder's Option.**

Except as otherwise may be provided on the face hereof, if one or more Repayment Dates are specified on the face hereof, this Security will be repayable in whole or in part in an amount equal to any Authorized Denomination (*provided* that the remaining principal amount of any Security surrendered for partial repayment shall at least equal an Authorized Denomination), on any such Repayment Date, in each case at the option of the Holder and at the applicable Repayment Price specified on the face hereof (expressed as a percentage of the

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principal amount to be repaid), together with accrued interest to the applicable Repayment Date (but interest installments due on or prior to such Repayment Date will be payable to the Holder of this Security, or one or more Predecessor Securities, of record at the close of business on the relevant Regular Record Date as provided in the Indenture). If this Security provides for more than one Repayment Date, and the Holder exercises its option to elect repayment, the Holder shall be deemed to have elected repayment on the earliest repayment date after all conditions to such exercise have been satisfied, and references herein to the applicable Repayment Date shall mean such earliest Repayment Date.

In order for the exercise of such option to be effective and this Security to be repaid, the Company must receive at the applicable address of the Paying Agent set forth below (or at such other place or places of which the Company shall from time to time notify the Holder of this Security), on any Business Day at least 30 but not more than 45 days prior to the applicable Repayment Date (or, if either such calendar day is not a Business Day, the next succeeding Business Day), either (i) this Security, with the form below entitled "Option to Elect Repayment" duly completed and signed, or (ii) a telegram, telex, facsimile transmission or letter from a member of a national securities exchange or the Financial Industry Regulatory Authority, Inc., a commercial bank or a trust company in the United States of America setting forth (a) the name, address and telephone number of the Holder of this Security, (b) the principal amount of this Security and the amount of this Security to be repaid, (c) a statement that the option to elect repayment is being exercised thereby and (d) a guarantee stating that the Company will receive this Security, with the form below entitled "Option to Elect Repayment" duly completed and signed, not later than five Business Days after the date of such telegram, telex, facsimile transmission or letter (*provided* that this Security and form duly completed and signed are received by the Company by such fifth Business Day). Any such election shall be irrevocable. The address to which such deliveries are to be made is The Bank of New York Mellon Trust Company N.A., Attention: Corporate Finance Group, 101 Barclay Street — Floor 8W, New York, NY 10286 (or at such other places as the Company or the Paying Agent shall notify the Holder of this Security). All questions as to the validity, eligibility (including time of receipt) and acceptance of any Security for repayment will be determined by the Company, whose determination will be final and binding. Upon any partial repayment, this Security shall be cancelled and a new Security or Securities for the remaining principal amount hereof shall be issued in the name of the Holder of this Security.

6. **Transfer and Exchange.**

As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Security is registrable in the Security Register, upon surrender of this Security for registration of transfer at the office or agency of the Company at the corporate trust office of the Trustee in the City of New York or at the office of the Paying Agent in New York, duly endorsed by, or accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed by, the Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Securities of this series and of like tenor and terms, of Authorized Denominations and for the same aggregate principal amount, will be issued to the designated transferee or transferees.

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As provided in the Indenture and subject to certain limitations therein set forth, Securities of this series are exchangeable for a like aggregate principal amount of Securities of this series and of like tenor of a different Authorized Denomination, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

Prior to due presentment of this Security for registration of transfer, the Company, the Trustee and any agent of the Company or the Trustee may treat the Person in whose name this Security is registered as the owner hereof for all purposes, whether or not this Security be overdue, and neither the Company nor the Trustee nor any such agent shall be affected by notice to the contrary.

If this Security is a Global Security, this Security shall be subject to the provisions of the Indenture relating to Global Securities, including the limitations in Section 305 thereof on transfers and exchanges of Global Securities. In addition to the provisions of Section 305 of the Indenture, if at any time an Event of Default has occurred and is continuing with respect to this Security and such Event of Default has not been cured or waived pursuant to the provisions of the Indenture, the Company will execute, and the Trustee, upon receipt of a Company Order for the authentication and delivery of definitive Securities, will authenticate and deliver, Securities in definitive form and in an aggregate principal amount equal to the principal amount of the Global Security or Securities in exchange for such Global Security or Securities.

7. **Defeasance.**

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Security or certain restrictive covenants and Events of Default with respect to this Security, in each case upon compliance with certain conditions set forth in the Indenture. If so specified on the face hereof, either or both of such provisions are applicable to this Security, as so specified.

8. **Remedies.**

If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of (and premium, if any) and interest on this Security at the times, place and rate, and in the coin or currency, herein prescribed.

9. **Modification and Waiver.**

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the

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rights of the Holders of the Securities of each series to be affected under the Indenture at any time by the Company and the Trustee with the consent of the Holders of a majority in aggregate principal amount of the Securities at the time Outstanding of each series to be affected.

Under the Indenture, the Holders of a majority in aggregate principal amount of the Outstanding Securities of this series or any other series of Outstanding Securities may, on behalf of all Holders of that series, waive compliance by the Company with certain restrictive covenants of the Indenture, and waive any past Event of Default under the Indenture, but in each case only with respect to that series, except an Event of Default in the payment of the principal of or any premium or interest on and Securities of that series or an Event of Default under any provision of the Indenture which itself cannot be modified or amended without the consent of the holders of each Outstanding Security of that series. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange hereof or in lieu hereof, whether or not notation of such consent or waiver is made upon this Security.

10. **Governing Law.**

**This Security and the Indenture shall be governed by and construed in accordance with the laws of the State of New York.**

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CUSIP NO.

ORIGINAL ISSUE DATE:

3M COMPANY  
MEDIUM-TERM NOTE, SERIES F

*OPTION TO ELECT REPAYMENT*

TO BE COMPLETED ONLY IF THIS SECURITY IS REPAYABLE  
AT THE OPTION OF THE HOLDER AND THE HOLDER  
ELECTS TO EXERCISE SUCH RIGHT

The undersigned hereby irrevocably requests and instructs the Company to repay the Security referred to in this notice (or the portion thereof specified below) at the applicable Repayment Price, together with interest to the Repayment Date, all as provided for in such Security, to the undersigned, whose name, address and telephone number are as follows:

(please print name of the undersigned)

(please print address of the undersigned)

(please print telephone number of the undersigned)

If such Security provides for more than one Repayment Date, the undersigned requests repayment on the earliest Repayment Date after the requirements for exercising this option have been satisfied, and references in this notice to the Repayment Date mean such earliest Repayment Date. Terms used in this notice that are defined in such Security are used herein as defined therein.

For such Security to be repaid the Company must receive at the applicable address of the Paying Agent set forth below or at such other place or places of which the Company shall from time to time notify the Holder of such Security, any Business Day not later than the 30th or earlier than the 45th calendar day prior to the Repayment Date (or, if either such calendar day is not a Business Day, the next succeeding Business Day), (i) such Security, with this "Option to Elect Repayment" form duly completed and signed, or (ii) a telegram, telex, facsimile transmission or letter from a member of a national securities exchange or the Financial Industry Regulatory Authority, Inc., a commercial bank or a trust company in the United States of America setting forth (a) the name, address and telephone number of the Holder of such Security, (b) the principal amount of such Security and the amount of such Security to be repaid, (c) a statement that the option to elect repayment is being exercised thereby and (d) a guarantee stating that such Security to be repaid with the form entitled "Option to Elect Repayment" on the addendum to the Security duly completed and signed will be received by the Company not later than five Business Days after the date of such telegram, telex, facsimile transmission or letter

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(provided that such Security and form duly completed and signed are received by the Company by such fifth Business Day). The address to which such deliveries are to be made is:

The Bank of New York Mellon Trust Company, N.A.  
Attention: Corporate Finance Group  
101 Barclay Street — Floor 8W  
New York, New York 10286

or at such other place as the Company or the Paying Agent shall notify the holder of such Security.

If less than the entire principal amount of such Security is to be repaid, specify the portion thereof (which shall equal any Authorized Denomination) that the Holder elects to have repaid:

and specify the denomination or denominations (which shall equal any Authorized Denomination) of the Security or Securities to be issued to the Holder in respect of the portion of such Security not being repaid (in the absence of any specification, one Security will be issued in respect of the portion not being repaid):

Date: \_\_\_\_\_

Notice: The signature to this Option to Elect Repayment must correspond with the name of the Holder as written on the face of such Security in every particular without alteration or enlargement or any other change whatsoever.

ABBREVIATIONS

The following abbreviations, when used in the inscription on the face of this Security, shall be construed as though they were written out in full according to applicable laws or regulations.

TEN COM - as tenants in common

TEN ENT - as tenants by the entireties

JT TEN - as joint tenants with the right of survivorship and not as tenants in common

UNIF GIFT MIN ACT - \_\_\_\_\_ Custodian \_\_\_\_\_  
(Cust) under Uniform Gifts to Minors Act (Minor)  
\_\_\_\_\_  
(State)

Additional abbreviations may also be used though not in the above list.

ASSIGNMENT

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

PLEASE INSERT SOCIAL SECURITY OR OTHER IDENTIFYING NUMBER OF ASSIGNEE

(Please Print or Typewrite Name and Address  
Including Postal Zip Code of Assignee)

the attached Security and all rights thereunder, and hereby irrevocably constitutes and appoints  
the Company, with full power of substitution in the premises.

to transfer said Security on the books of

Dated: \_\_\_\_\_

Signature Guaranteed

NOTICE: Signature must be guaranteed.

NOTICE: The signature to this assignment must correspond with the name of the Holder as written upon the face of the attached Security in every particular, without alteration or enlargement or any change whatever.

ADDENDUM

Optional Make-Whole Redemption and Redemption at Par Prior to Maturity

Prior to February 15, 2023 (one month prior to the maturity date of this Security), this Security will be redeemable at any time, in whole or from time to time in part, at our option at a Redemption Price equal to the greater of

- 100% of the principal amount to be redeemed, and
- as determined by the quotation agent (as defined below), the sum of the present values of the remaining scheduled payments of principal of and interest on this Security to be redeemed (not including any interest accrued to the Redemption Date) discounted to the Redemption Date on a semi-annual basis assuming a 360-day year consisting of twelve 30-day months at the treasury rate (defined below) plus 10 basis points

plus, in the case of both clauses above, accrued and unpaid interest on this Security to be redeemed to the Redemption Date.

In addition, at any time on or after February 15, 2023 (one month prior to the maturity date of this Security), the Security will be redeemable, in whole but not in part at our option, at a redemption price equal to 100% of the principal amount of the Security plus accrued interest thereon to the date of redemption.

“**Treasury rate**” means, with respect to any Redemption Date, the annual rate equal to the semi-annual equivalent yield to maturity of the comparable treasury issue, assuming a price of the comparable treasury issue (expressed as a percentage of its principal amount) equal to the comparable treasury price for that Redemption Date.

“**Comparable treasury issue**” means the United States Treasury security selected by the quotation agent as having a maturity comparable to the remaining term of this Security to be redeemed, as if this Security to be redeemed matured on February 15, 2023, that would be utilized, at the time of a selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of this Security.

“**Comparable treasury price**” means, with respect to any Redemption Date, (i) the average of at least three reference treasury dealer quotations for that Redemption Date, after excluding the highest and lowest of five or more reference treasury dealer quotations, or (ii) if the Trustee obtains fewer than five reference dealer quotations, the average of all reference treasury dealer quotations so obtained.

“**Quotation agent**” means the reference treasury dealer appointed by the Company.

“**Reference treasury dealer**” means (i) each of J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC and their respective successors; however, if any of the foregoing shall cease to be a primary U.S.

Government securities dealer in New York City (a “**primary treasury dealer**”), the Company will substitute another primary treasury dealer; and (ii) any other primary treasury dealer(s) selected by the Company.

“**Reference treasury dealer quotations**” means, with respect to each reference treasury dealer and any Redemption Date, the average, as determined by the Company, of the bid and asked prices for the comparable treasury issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Trustee by the reference treasury dealer at 5:00 p.m., New York City time, on the third business day preceding the Redemption Date.

In the case of a partial redemption, selection of this Security for redemption will be made pro rata, if commercially practicable in accordance with the procedures of DTC or the relevant depository, and if not, then by lot or such other method as required in accordance with the procedures of DTC or the relevant depository. This Security will be redeemed in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. Notice of any redemption will be mailed by first class mail at least 30 days but not more than 60 days before the Redemption Date to each Holder of this Security to be redeemed at its registered address. If any Securities are to be redeemed in part only, the notice of redemption that relates to the Security will state the portion of the Security to be redeemed. New Securities in principal amounts of at least \$2,000 equal to the unredeemed portion of this Security will be issued in the name of the Holder of this Security upon surrender for cancellation of the original Security. Unless the Company defaults in payment of the Redemption Price, on and after the Redemption Date, interest will cease to accrue on this Security or the portions of this Security called for redemption.



## Fixed Rate Medium-Term Note

(Face of Security)

THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE EXCHANGED IN WHOLE OR IN PART FOR A SECURITY REGISTERED, AND NO TRANSFER OF THIS SECURITY IN WHOLE OR IN PART MAY BE REGISTERED, IN THE NAME OF ANY PERSON OTHER THAN SUCH DEPOSITARY OR A NOMINEE THEREOF, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE.

UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY, A NEW YORK CORPORATION (“DTC”), TO 3M COMPANY, OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

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CUSIP NO.: 88579Y AY7  
ISIN NO.: US88579YAY77

3M COMPANY

MEDIUM-TERM NOTES, SERIES F  
(Fixed Rate)

The following terms apply to this Security, as and to the extent shown below:

PRINCIPAL AMOUNT: \$500,000,000	REDEMPTION COMMENCEMENT DATE: N/A
STATED MATURITY DATE: October 15, 2027	REPAYMENT DATE(S): N/A
SPECIFIED CURRENCY: U.S. dollars for all payments unless otherwise specified below:	REDEMPTION OR REPAYMENT PRICE(S): N/A
<input type="checkbox"/> payments of principal and any premium:	INTEREST RATE: 2.875% per annum
<input type="checkbox"/> payments of interest:	INTEREST PAYMENT DATES: April 15 and October 15 of each year, commencing April 15, 2018
<input type="checkbox"/> Exchange Rate Agent: N/A	OTHER TERMS: Optional-Make-Whole Redemption and Redemption at Par Prior to Maturity. See Addendum attached hereto.
ORIGINAL ISSUE DATE: October 2, 2017	
ORIGINAL ISSUE DISCOUNT SECURITY: N/A	
DEFEASANCE:	
<input checked="" type="checkbox"/> Full Defeasance: Applicable	
<input checked="" type="checkbox"/> Covenant Defeasance: Applicable	

Terms left blank or marked “N/A”, “No”, “None” or in a similar manner do not apply to this Security except as otherwise may be specified.

Whenever used in this Security, the terms specified above that apply to this Security have the meanings specified above, unless the context requires otherwise. Other terms used in this Security that are not defined herein but that are defined in the Indenture referred to in Section 1 on the reverse of this Security are used herein as defined therein.

3M Company, a corporation duly organized and existing under the laws of the State of Delaware (hereinafter called the “Company”, which term includes any successor Person under the Indenture), for value received, hereby promises to pay to Cede & Co., or registered assigns, as principal the Principal Amount on the Stated Maturity Date and to pay interest thereon, at the Interest Rate shown above (computed on the basis of a 360-day year of twelve 30-day months), semi-annually on each Interest Payment Date set forth above from and after the date of this Security and at Maturity until payment of the principal amount hereof has been made or duly provided for. Each payment of interest due on an Interest Payment Date or the date of Maturity will include interest accrued from and including the last date to which interest has been paid, or made available for payment, or from the Original Issue Date if none has been paid, or made available for payment, to but excluding the Interest Payment Date or the date of Maturity, as the case may be. Unless this Security is a Security which has been issued upon transfer of, in exchange for, or in replacement of, a Predecessor Security, interest on this Security shall accrue from the Original Issue Date indicated above. If this Security has been issued upon transfer of, in exchange for, or in replacement of, a Predecessor Security, interest on this Security shall accrue from the last Interest Payment Date to which interest was paid on such Predecessor Security or, if no interest was paid on such Predecessor Security, from the Original Issue Date indicated above. Any premium and any such installment of interest that is overdue at any time shall also bear interest (to the extent that the payment of such interest shall be legally enforceable), at the rate per annum at which the principal then bears interest, from the date any such overdue amount first becomes due until it is paid or made available for payment. Notwithstanding the foregoing, interest on any principal, premium or installment of interest that is overdue shall be payable on demand.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in the Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the 15th calendar day (whether or not a Business Day, as such term is defined in Section 3(c) on the reverse hereof) next preceding such Interest Payment Date (a “Regular Record Date”). If interest is due at Maturity but on a day that is not an Interest Payment Date, interest will be paid to the Person entitled to receive the principal hereof. Any interest so payable, but not punctually paid or duly provided for, on any Interest Payment Date will forthwith cease to be payable to the Holder on such Regular Record Date and such Defaulted Interest either may be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be

fixed by the Trustee, notice whereof shall be given to the Holder of this Security not less than 10 days prior to such Special Record Date, or may be paid in any other lawful manner not inconsistent with the requirements of any securities exchange on which this Security may be listed, and upon such notice as may be required by such exchange, all as more fully provided in the Indenture.

#### ***Currency of Payment***

Payment of principal of (and premium, if any) and interest on this Security will be made in the Specified Currency for such payment, except as provided in this and the next three paragraphs. The Specified Currency for any payment shall be the currency specified as such on the face of this Security unless, at the time of such payment, such currency is not legal tender for the payment of public and private debts in the country issuing such currency on the Original

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Issue Date, in which case the Specified Currency for such payment shall be such coin or currency as at the time of such payment is legal tender for the payment of public and private debts in such country, except as provided in the next sentence. If the euro is specified on the face of this Security as the Specified Currency for any payment, the Specified Currency for such payment shall be such coin or currency as at the time of payment is legal tender for the payment of public and private debts in all EMU Countries (as defined in Section 3(c) on the reverse hereof), *provided* that, if on any day there are not at least two EMU Countries, or if on any day there are at least two EMU Countries but no coin or currency is legal tender for the payment of public and private debts in all EMU Countries, then the Specified Currency for such payment shall be deemed not to be available to the Company on such day.

Except as provided in the next paragraph, any payment to be made on this Security in a Specified Currency other than U.S. dollars will be made in U.S. dollars if the Person entitled to receive such payment transmits a written request for such payment to be made in U.S. dollars to the Trustee at its Corporate Trust Office, on or before the tenth day before the payment is to be made. Such written request may be mailed, hand delivered, telecopied or delivered in any other manner approved by the Trustee. Any such request made with respect to any payment on this Security payable to a particular Holder will remain in effect for all later payments on this Security payable to such Holder, unless such request is revoked on or before the tenth day before a payment is to be made, in which case such revocation shall be effective for such and all later payments. In the case of any payment of interest payable on an Interest Payment Date, such written request must be made by the Person who is the registered Holder of this Security on the relevant Regular Record Date.

The U.S. dollar amount of any payment made pursuant to the preceding paragraph will be determined by the Exchange Rate Agent based upon the highest bid quotation received by the Exchange Rate Agent as of 11:00 A.M., New York City time, on the second Business Day preceding the applicable payment date, from three (or, if three are not available, then two) recognized foreign exchange dealers selected by the Exchange Rate Agent in The City of New York, in each case for the purchase by the quoting dealer, for U.S. dollars and for settlement on such payment date of an amount of the Specified Currency for such payment equal to the aggregate amount of such Specified Currency payable on such payment date to all Holders of Securities of this or any other series who elect to receive U.S. dollar payments on such payment date, and at which the applicable dealer commits to execute a contract. If the Exchange Rate Agent determines that two such bid quotations are not available on such second Business Day, such payment will be made in the Specified Currency for such payment. All currency exchange costs associated with any payment in U.S. dollars on this Security will be borne by the Holder entitled to receive such payment, by deduction from such payment.

Notwithstanding the foregoing, if any amount payable on this Security is payable on any day (including at Maturity) in a Specified Currency other than U.S. dollars, and if such Specified Currency is not available to the Company on the two Business Days before such day, due to the imposition of exchange controls, disruption in a currency market or any other circumstances beyond the control of the Company, the Company will be entitled to satisfy its obligation to pay such amount in such Specified Currency by making such payment in U.S. dollars. The amount of such payment in U.S. dollars shall be determined by the Exchange Rate Agent on the basis of the noon buying rate for cable transfers in The City of New York for such Specified Currency

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(the "Exchange Rate") as of the latest day before the day on which such payment is to be made. Any payment made under such circumstances in U.S. dollars where the required payment is in other than U.S. dollars will not constitute an Event of Default under the Indenture or this Security.

#### ***Manner of Payment - U.S. Dollars***

Except as provided in the next paragraph, payment of any amount payable on this Security in U.S. dollars will be made at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose), against surrender of this Security in the case of any payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date); *provided, however*, that, at the option of the Company and subject to the next paragraph, payment of interest may be made by check mailed to the address of the Person entitled thereto as such address shall appear in the Security Register.

Payment of any amount payable on this Security in U.S. dollars will be made by wire transfer of immediately available funds to an account maintained by the payee with a bank located in The City of New York, if (i) the principal of this Security is at least \$1,000,000 and (ii) the Holder entitled to receive such payment transmits a written request for such payment to be made in such manner to the Paying Agent at its Corporate Trust Office, Attention: Corporate Finance Group, The Bank of New York Mellon Trust Company, N.A., on or before the tenth day before the day on which such payment is to be made; *provided* that, in the case of any such payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date), this Security must be surrendered at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose) in time for the Paying Agent to make such payment in such funds in accordance with its normal procedures. Any such request made with respect to any payment on this Security payable to a particular Holder will remain in effect for all later payments on this Security payable to such Holder, unless such request is revoked on or before the tenth day before a payment is to be made, in which case such revocation shall be effective for such and all later payments. In the case of any payment of interest payable on an Interest Payment Date, such written request must be made by the Person who is the registered Holder of this Security on the relevant Regular Record Date. If principal or another amount besides interest is due on this Security at Maturity, the Company will pay the amount to the Holder of this Security against surrender hereof at a proper place of payment or, in the case of a Global Security, as provided below in accordance with the applicable policies of the Depository. The Company will pay any administrative costs imposed by banks in connection with making payments by wire transfer with respect to this Security, but any tax, assessment or other governmental charge imposed upon any payment will be borne by the Holder of this Security and may be deducted from the payment by the Company or the Paying Agent.

#### ***Manner of Payment - Other Specified Currencies***

Payment of any amount payable on this Security in a Specified Currency other than U.S. dollars will be made by wire transfer of immediately available funds to such account as is maintained in such Specified Currency at a bank or other financial institution acceptable to the

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Company and the Trustee and as shall have been designated at least ten days prior to the applicable payment date by the Person entitled to receive such payment, *provided* that, in the case of any such payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date), this Security must be surrendered at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose) in time for the Paying Agent to make such payment in such funds in accordance with its normal procedures. Such account designation shall be made by transmitting the appropriate information to the Paying Agent at its Corporate Trust Office, Attention: Corporate Finance Group, The Bank of New York Mellon Trust Company, N.A., by mail, hand delivery, telecopier or in any other manner approved by the Trustee. Unless revoked, any such account designation made with respect to this Security by the Holder hereof will remain in effect with respect to any further payments with respect to this Security payable to such Holder. If a payment in a Specified Currency other than U.S. dollars with respect to this Security cannot be made by wire transfer because the required account designation has not been received by the Paying Agent on or before the requisite date or for any other reason, the Company will cause a notice to be given to the Holder of this Security at its registered address requesting an account designation pursuant to which such wire transfer can be made and such payment will be made within five Business Days after the Paying Agent's receipt of such a designation meeting the requirements specified above, with the same force and effect as if made on the due date. The Company will pay any administrative costs imposed by banks in connection with making payments by wire transfer with respect to this Security, but any tax, assessment or other governmental charge imposed upon any payment will be borne by the Holder of this Security and may be deducted from the payment by the Company or the Paying Agent.

**Manner of Payment - Global Securities**

Notwithstanding any provision of this security or the Indenture, if this Security is a Global Security, the Company may make any and all payments of principal, premium and interest on this Security pursuant to the applicable policies of the Depository for this Security as permitted in the Indenture.

**Payments Due on a Business Day**

Unless otherwise specified on the face of this Security, the following sentence shall apply to this Security. Notwithstanding any provision of this Security or the Indenture, if any amount of principal, premium or interest would otherwise be due on this Security on a day (the "Specified Day") that is not a Business Day, such amount may be paid or made available for payment on the next succeeding Business Day with the same force and effect as if such amount were paid on the Specified Day and an additional interest will accrue with respect to the payment made on that next succeeding Business Day. The provisions of this paragraph shall apply to this Security in lieu of the provisions of Section 113 of the Indenture.

Reference is hereby made to the further provisions of this Security set forth on the reverse hereof, which further provisions shall for all purposes have the same effect as if set forth at this place.

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Unless the certificate of authentication hereon has been executed by the Trustee by manual signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

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IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed.

3M COMPANY

By

\_\_\_\_\_  
Name: Nicholas C. Gangestad  
Title: Senior Vice President and Chief Financial Officer

By

\_\_\_\_\_  
Name: Matthew J. Ginter  
Title: Vice President and Treasurer

This is one of the Securities of the series designated herein and referred to in the Indenture.

Dated: October 2, 2017

The Bank of New York Mellon Trust Company, N.A., as Trustee

By

\_\_\_\_\_  
Authorized Signatory

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(Reverse of Security)

1. **Securities and Indenture.**

This Security is one of a duly authorized issue of securities of the Company (herein called the "Securities") issued and to be issued in one or more series under an Indenture, dated as of November 17, 2000 as amended or supplemented from time to time (herein called the "Indenture", which term shall have the meaning assigned to it in such instrument), between the Company and The Bank of New York Mellon Trust Company, N.A., as Trustee (herein called the "Trustee", which term includes any successor trustee under the Indenture), and reference is hereby made to the Indenture for a statement of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered.

2. **Series and Denominations.**

This Security is one of the series designated on the face hereof, limited to an aggregate principal amount not to exceed \$18,000,000,000 (or the equivalent thereof in any other currency or currencies or currency units), which amount may be increased at the option of the Company if in the future it determines that it may wish to

sell additional Securities of this series. References herein to "this series" mean the series of securities designated on the face hereof.

The Company may create and issue additional Securities with the same terms as this Security, so that the additional Securities will be considered as part of the same issuance as the earlier issuance.

The Securities of this series are issuable only in registered form without coupons in "Authorized Denominations", which term shall have the following meaning. Unless otherwise specified, for each Security of this series having a principal amount payable in U.S. dollars, the Authorized Denominations shall be \$2,000 and integral multiples of \$1,000 in excess thereof. Unless otherwise specified, for each Security of this series having a principal amount payable in a Specified Currency other than U.S. dollars, the Authorized Denominations shall be the amount of such Specified Currency equivalent, at the Exchange Rate on the first Business Day next preceding the date on which the Company accepts the offer to purchase such Security, to \$2,000 and integral multiples of \$1,000 in excess thereof.

3. **Interest Rate.**

(a) **Calculation of Interest.** Payments of interest hereon with respect to any Interest Payment Date or at the Maturity of the principal hereof will include interest accrued to but excluding such Interest Payment Date or the date of such Maturity, as the case may be.

All percentages resulting from any calculation with respect to this Security will be rounded upward or downward, as appropriate, to the next higher or lower one hundred-thousandth of a percentage point (e.g., 9.876541% (or .09876541) being rounded down to 9.87654% (or .0987654) and 9.876545% (or .09876545) being rounded up to 9.87655% (or .0987655)). All amounts used in or resulting from any calculation with respect to this Security will be rounded upward or downward, as appropriate, to the nearest cent, in the case of U.S.

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dollars, or to the nearest corresponding hundredth of a unit, in the case of a currency other than U.S. dollars, with one-half cent or one-half of a corresponding hundredth of a unit or more being rounded upward.

(b) **Exchange Rate Agent.** The Company has initially appointed the institution named on the face of this Security as Exchange Rate Agent, to act as such agent with respect to this Security, but the Company may, in its sole discretion, appoint any other institution (including any Affiliate of the Company) to serve as such agent from time to time. The Company will give the Trustee prompt written notice of any change in any such appointment. Insofar as this Security provides for any such agent to obtain rates, quotes or other data from a bank, dealer or other institution for use in making any determination hereunder, such agent may do so from any institution or institutions of the kind contemplated hereby notwithstanding that any one or more of such institutions are any such agent, Affiliates of any such agent or Affiliates of the Company.

All determinations made by the Exchange Rate Agent may be made by such agent in its sole discretion and, absent manifest error, shall be conclusive for all purposes and binding on the Holder of this Security and the Company. The Exchange Rate Agent shall not have any liability therefor.

(c) **Definitions of Terms.** As used in this Security, the following terms have the meanings set forth below:

"Business Day" means, for this Security, a day that meets the requirements set forth in each of clauses (i) through (iv) below, in each case to the extent such requirements apply to this Security as specified below:

- (i) is a Monday, Tuesday, Wednesday, Thursday or Friday that is not a day on which banking institutions in The City of New York generally are authorized or obligated by law, regulation or executive order to close;
- (ii) if the Specified Currency for payment of principal of or interest on this Security is other than U.S. dollars or euros, is also a day on which banking institutions in the principal financial center of the country issuing such Specified Currency are not authorized or obligated by law, regulation or executive order to close;
- (iii) if the Specified Currency for payment of principal of or interest on this Security is euros, is also a TARGET Business Day; and
- (iv) solely with respect to any payment or other action to be made or taken at any Place of Payment outside The City of New York, is a Monday, Tuesday, Wednesday, Thursday or Friday that is not a day on which banking institutions in such Place of Payment generally are authorized or obligated by law, regulation or executive order to close.

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With respect to any particular location, the close of business on any day on which business is not being conducted at that location shall be deemed to mean 5:00 P.M., New York City time, on that day.

"EMU Countries" means, at any time, the countries (if any) then participating in the European Economic and Monetary Union (or any successor union) pursuant to the Treaty on European Union of February 1992 (or any successor treaty), as it may be amended from time to time.

"TARGET Business Day" means any day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET) System, or any successor system, is open for business.

References in this Security to U.S. dollars shall mean, as of any time, the coin or currency that is then legal tender for the payment of public and private debts in the United States of America.

References in this Security to the euro shall mean, as of any time, the coin or currency (if any) that is then legal tender for the payment of public and private debts in all EMU Countries.

References in this Security to a particular currency other than U.S. dollars and euros shall mean, as of any time, the coin or currency that is then legal tender for the payment of public and private debts in the country issuing such currency on the Original Issue Date.

4. **Redemption at the Company's Option.**

Unless a Redemption Commencement Date is specified on the face hereof or as otherwise specified in this Security (including in the Addendum attached hereto), this Security shall not be redeemable at the option of the Company before the Stated Maturity Date. If a Redemption Commencement Date is so specified, and unless otherwise specified on the face hereof, this Security is subject to redemption upon not less than 30 days' nor more than 60 days' notice at any time and from time to time on or after the Redemption Commencement Date, in each case as a whole or in part, at the election of the Company and at the applicable Redemption Price specified on the face

hereof (expressed as a percentage of the principal amount of this Security to be redeemed), together with accrued interest to the Redemption Date, but interest installments due on or prior to such Redemption Date will be payable to the Holder of this Security, or one or more Predecessor Securities, of record at the close of business on the relevant Regular Record Date, all as provided in the Indenture.

5. **Repayment at the Holder's Option.**

Except as otherwise may be provided on the face hereof, if one or more Repayment Dates are specified on the face hereof, this Security will be repayable in whole or in part in an amount equal to any Authorized Denomination (*provided* that the remaining principal amount of any Security surrendered for partial repayment shall at least equal an Authorized Denomination), on any such Repayment Date, in each case at the option of the Holder and at the applicable Repayment Price specified on the face hereof (expressed as a percentage of the

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principal amount to be repaid), together with accrued interest to the applicable Repayment Date (but interest installments due on or prior to such Repayment Date will be payable to the Holder of this Security, or one or more Predecessor Securities, of record at the close of business on the relevant Regular Record Date as provided in the Indenture). If this Security provides for more than one Repayment Date, and the Holder exercises its option to elect repayment, the Holder shall be deemed to have elected repayment on the earliest repayment date after all conditions to such exercise have been satisfied, and references herein to the applicable Repayment Date shall mean such earliest Repayment Date.

In order for the exercise of such option to be effective and this Security to be repaid, the Company must receive at the applicable address of the Paying Agent set forth below (or at such other place or places of which the Company shall from time to time notify the Holder of this Security), on any Business Day at least 30 but not more than 45 days prior to the applicable Repayment Date (or, if either such calendar day is not a Business Day, the next succeeding Business Day), either (i) this Security, with the form below entitled "Option to Elect Repayment" duly completed and signed, or (ii) a telegram, telex, facsimile transmission or letter from a member of a national securities exchange or the Financial Industry Regulatory Authority, Inc., a commercial bank or a trust company in the United States of America setting forth (a) the name, address and telephone number of the Holder of this Security, (b) the principal amount of this Security and the amount of this Security to be repaid, (c) a statement that the option to elect repayment is being exercised thereby and (d) a guarantee stating that the Company will receive this Security, with the form below entitled "Option to Elect Repayment" duly completed and signed, not later than five Business Days after the date of such telegram, telex, facsimile transmission or letter (*provided* that this Security and form duly completed and signed are received by the Company by such fifth Business Day). Any such election shall be irrevocable. The address to which such deliveries are to be made is The Bank of New York Mellon Trust Company N.A., Attention: Corporate Finance Group, 101 Barclay Street — Floor 8W, New York, NY 10286 (or at such other places as the Company or the Paying Agent shall notify the Holder of this Security). All questions as to the validity, eligibility (including time of receipt) and acceptance of any Security for repayment will be determined by the Company, whose determination will be final and binding. Upon any partial repayment, this Security shall be cancelled and a new Security or Securities for the remaining principal amount hereof shall be issued in the name of the Holder of this Security.

6. **Transfer and Exchange.**

As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Security is registrable in the Security Register, upon surrender of this Security for registration of transfer at the office or agency of the Company at the corporate trust office of the Trustee in the City of New York or at the office of the Paying Agent in New York, duly endorsed by, or accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed by, the Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Securities of this series and of like tenor and terms, of Authorized Denominations and for the same aggregate principal amount, will be issued to the designated transferee or transferees.

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As provided in the Indenture and subject to certain limitations therein set forth, Securities of this series are exchangeable for a like aggregate principal amount of Securities of this series and of like tenor of a different Authorized Denomination, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

Prior to due presentment of this Security for registration of transfer, the Company, the Trustee and any agent of the Company or the Trustee may treat the Person in whose name this Security is registered as the owner hereof for all purposes, whether or not this Security be overdue, and neither the Company nor the Trustee nor any such agent shall be affected by notice to the contrary.

If this Security is a Global Security, this Security shall be subject to the provisions of the Indenture relating to Global Securities, including the limitations in Section 305 thereof on transfers and exchanges of Global Securities. In addition to the provisions of Section 305 of the Indenture, if at any time an Event of Default has occurred and is continuing with respect to this Security and such Event of Default has not been cured or waived pursuant to the provisions of the Indenture, the Company will execute, and the Trustee, upon receipt of a Company Order for the authentication and delivery of definitive Securities, will authenticate and deliver, Securities in definitive form and in an aggregate principal amount equal to the principal amount of the Global Security or Securities in exchange for such Global Security or Securities.

7. **Defeasance.**

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Security or certain restrictive covenants and Events of Default with respect to this Security, in each case upon compliance with certain conditions set forth in the Indenture. If so specified on the face hereof, either or both of such provisions are applicable to this Security, as so specified.

8. **Remedies.**

If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of (and premium, if any) and interest on this Security at the times, place and rate, and in the coin or currency, herein prescribed.

9. **Modification and Waiver.**

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the

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rights of the Holders of the Securities of each series to be affected under the Indenture at any time by the Company and the Trustee with the consent of the Holders of a majority in aggregate principal amount of the Securities at the time Outstanding of each series to be affected.

Under the Indenture, the Holders of a majority in aggregate principal amount of the Outstanding Securities of this series or any other series of Outstanding Securities may, on behalf of all Holders of that series, waive compliance by the Company with certain restrictive covenants of the Indenture, and waive any past Event of Default under the Indenture, but in each case only with respect to that series, except an Event of Default in the payment of the principal of or any premium or interest on and Securities of that series or an Event of Default under any provision of the Indenture which itself cannot be modified or amended without the consent of the holders of each Outstanding Security of that series. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange herefor or in lieu hereof, whether or not notation of such consent or waiver is made upon this Security.

10. **Governing Law.**

**This Security and the Indenture shall be governed by and construed in accordance with the laws of the State of New York.**

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CUSIP NO.

ORIGINAL ISSUE DATE:

3M COMPANY  
MEDIUM-TERM NOTE, SERIES F

*OPTION TO ELECT REPAYMENT*

TO BE COMPLETED ONLY IF THIS SECURITY IS REPAYABLE  
AT THE OPTION OF THE HOLDER AND THE HOLDER  
ELECTS TO EXERCISE SUCH RIGHT

The undersigned hereby irrevocably requests and instructs the Company to repay the Security referred to in this notice (or the portion thereof specified below) at the applicable Repayment Price, together with interest to the Repayment Date, all as provided for in such Security, to the undersigned, whose name, address and telephone number are as follows:

(please print name of the undersigned)

(please print address of the undersigned)

(please print telephone number of the undersigned)

If such Security provides for more than one Repayment Date, the undersigned requests repayment on the earliest Repayment Date after the requirements for exercising this option have been satisfied, and references in this notice to the Repayment Date mean such earliest Repayment Date. Terms used in this notice that are defined in such Security are used herein as defined therein.

For such Security to be repaid the Company must receive at the applicable address of the Paying Agent set forth below or at such other place or places of which the Company shall from time to time notify the Holder of such Security, any Business Day not later than the 30th or earlier than the 45th calendar day prior to the Repayment Date (or, if either such calendar day is not a Business Day, the next succeeding Business Day), (i) such Security, with this "Option to Elect Repayment" form duly completed and signed, or (ii) a telegram, telex, facsimile transmission or letter from a member of a national securities exchange or the Financial Industry Regulatory Authority, Inc., a commercial bank or a trust company in the United States of America setting forth (a) the name, address and telephone number of the Holder of such Security, (b) the principal amount of such Security and the amount of such Security to be repaid, (c) a statement that the option to elect repayment is being exercised thereby and (d) a guarantee stating that such Security to be repaid with the form entitled "Option to Elect Repayment" on the addendum to the Security duly completed and signed will be received by the Company not later than five Business Days after the date of such telegram, telex, facsimile transmission or letter

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(provided that such Security and form duly completed and signed are received by the Company by such fifth Business Day). The address to which such deliveries are to be made is:

The Bank of New York Mellon Trust Company, N.A.  
Attention: Corporate Finance Group  
101 Barclay Street — Floor 8W  
New York, New York 10286

or at such other place as the Company or the Paying Agent shall notify the holder of such Security.

If less than the entire principal amount of such Security is to be repaid, specify the portion thereof (which shall equal any Authorized Denomination) that the Holder elects to have repaid:

and specify the denomination or denominations (which shall equal any Authorized Denomination) of the Security or Securities to be issued to the Holder in respect of the portion of such Security not being repaid (in the absence of any specification, one Security will be issued in respect of the portion not being repaid):

Date: \_\_\_\_\_

Notice: The signature to this Option to Elect Repayment must correspond with the name of the Holder as written on the face of such Security in every particular without alteration or enlargement or any other change whatsoever.

**ABBREVIATIONS**

The following abbreviations, when used in the inscription on the face of this Security, shall be construed as though they were written out in full according to applicable laws or regulations.

TEN COM - as tenants in common

TEN ENT - as tenants by the entireties

JT TEN - as joint tenants with the right of survivorship and not as tenants in common

UNIF GIFT MIN ACT - \_\_\_\_\_ Custodian \_\_\_\_\_  
(Cust) under Uniform Gifts to Minors Act (Minor)  
\_\_\_\_\_  
(State)

Additional abbreviations may also be used though not in the above list.

**ASSIGNMENT**

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

PLEASE INSERT SOCIAL SECURITY OR OTHER IDENTIFYING NUMBER OF ASSIGNEE \_\_\_\_\_

(Please Print or Typewrite Name and Address  
Including Postal Zip Code of Assignee)

the attached Security and all rights thereunder, and hereby irrevocably constitutes and appoints \_\_\_\_\_ to transfer said Security on the books of the Company, with full power of substitution in the premises.

Dated: \_\_\_\_\_

Signature Guaranteed

NOTICE: Signature must be guaranteed.

NOTICE: The signature to this assignment must correspond with the name of the Holder as written upon the face of the attached Security in every particular, without alteration or enlargement or any change whatever.

**ADDENDUM**

**Optional Make-Whole Redemption and Redemption at Par Prior to Maturity**

Prior to July 15, 2027 (three months prior to the maturity date of this Security), this Security will be redeemable at any time, in whole or from time to time in part, at our option at a Redemption Price equal to the greater of

- 100% of the principal amount to be redeemed, and
- as determined by the quotation agent (as defined below), the sum of the present values of the remaining scheduled payments of principal of and interest on this Security to be redeemed (not including any interest accrued to the Redemption Date) discounted to the Redemption Date on a semi-annual basis assuming a 360-day year consisting of twelve 30-day months at the treasury rate (defined below) plus 12.5 basis points

plus, in the case of both clauses above, accrued and unpaid interest on this Security to be redeemed to the Redemption Date.

In addition, at any time on or after July 15, 2027 (three months prior to the maturity date of this Security), the Security will be redeemable, in whole but not in part at our option, at a redemption price equal to 100% of the principal amount of the Security plus accrued interest thereon to the date of redemption.

“**Treasury rate**” means, with respect to any Redemption Date, the annual rate equal to the semi-annual equivalent yield to maturity of the comparable treasury issue, assuming a price of the comparable treasury issue (expressed as a percentage of its principal amount) equal to the comparable treasury price for that Redemption Date.

“**Comparable treasury issue**” means the United States Treasury security selected by the quotation agent as having a maturity comparable to the remaining term of this Security to be redeemed, as if this Security to be redeemed matured on July 15, 2027, that would be utilized, at the time of a selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of this Security.

“**Comparable treasury price**” means, with respect to any Redemption Date, (i) the average of at least three reference treasury dealer quotations for that Redemption Date, after excluding the highest and lowest of five or more reference treasury dealer quotations, or (ii) if the Trustee obtains fewer than five reference dealer quotations, the average of all reference treasury dealer quotations so obtained.

“**Quotation agent**” means the reference treasury dealer appointed by the Company.

“**Reference treasury dealer**” means (i) each of J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC and their respective successors; however, if any of the foregoing shall cease to be a primary U.S. Government securities dealer in New York City (a “**primary treasury dealer**”), the Company

will substitute another primary treasury dealer; and (ii) any other primary treasury dealer(s) selected by the Company.

“**Reference treasury dealer quotations**” means, with respect to each reference treasury dealer and any Redemption Date, the average, as determined by the Company, of the bid and asked prices for the comparable treasury issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Trustee by the reference treasury dealer at 5:00 p.m., New York City time, on the third business day preceding the Redemption Date.

In the case of a partial redemption, selection of this Security for redemption will be made pro rata, if commercially practicable in accordance with the procedures of DTC or the relevant depository, and if not, then by lot or such other method as required in accordance with the procedures of DTC or the relevant depository. This Security will be redeemed in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. Notice of any redemption will be mailed by first class mail at least 30 days but not more than 60 days before the Redemption Date to each Holder of this Security to be redeemed at its registered address. If any Securities are to be redeemed in part only, the notice of redemption that relates to the Security will state the portion of the Security to be redeemed. New Securities in principal amounts of at least \$2,000 equal to the unredeemed portion of this Security will be issued in the name of the Holder of this Security upon surrender for cancellation of the original Security. Unless the Company defaults in payment of the Redemption Price, on and after the Redemption Date, interest will cease to accrue on this Security or the portions of this Security called for redemption.



## Fixed Rate Medium-Term Note

(Face of Security)

THIS SECURITY IS A GLOBAL SECURITY WITHIN THE MEANING OF THE INDENTURE HEREINAFTER REFERRED TO AND IS REGISTERED IN THE NAME OF A DEPOSITARY OR A NOMINEE THEREOF. THIS SECURITY MAY NOT BE EXCHANGED IN WHOLE OR IN PART FOR A SECURITY REGISTERED, AND NO TRANSFER OF THIS SECURITY IN WHOLE OR IN PART MAY BE REGISTERED, IN THE NAME OF ANY PERSON OTHER THAN SUCH DEPOSITARY OR A NOMINEE THEREOF, EXCEPT IN THE LIMITED CIRCUMSTANCES DESCRIBED IN THE INDENTURE.

UNLESS THIS CERTIFICATE IS PRESENTED BY AN AUTHORIZED REPRESENTATIVE OF THE DEPOSITARY TRUST COMPANY, A NEW YORK CORPORATION (“DTC”), TO 3M COMPANY, OR ITS AGENT FOR REGISTRATION OF TRANSFER, EXCHANGE OR PAYMENT, AND ANY CERTIFICATE ISSUED IS REGISTERED IN THE NAME OF CEDE & CO. OR IN SUCH OTHER NAME AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC (AND ANY PAYMENT IS MADE TO CEDE & CO. OR TO SUCH OTHER ENTITY AS IS REQUESTED BY AN AUTHORIZED REPRESENTATIVE OF DTC), ANY TRANSFER, PLEDGE OR OTHER USE HEREOF FOR VALUE OR OTHERWISE BY OR TO ANY PERSON IS WRONGFUL INASMUCH AS THE REGISTERED OWNER HEREOF, CEDE & CO., HAS AN INTEREST HEREIN.

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CUSIP NO.: 88579Y AZ4  
ISIN NO.: US88579YAZ43

3M COMPANY

MEDIUM-TERM NOTES, SERIES F  
(Fixed Rate)

The following terms apply to this Security, as and to the extent shown below:

PRINCIPAL AMOUNT: \$500,000,000	REDEMPTION COMMENCEMENT DATE: N/A
STATED MATURITY DATE: October 15, 2047	REPAYMENT DATE(S): N/A
SPECIFIED CURRENCY: U.S. dollars for all payments unless otherwise specified below:	REDEMPTION OR REPAYMENT PRICE(S): N/A
<input type="checkbox"/> payments of principal and any premium:	INTEREST RATE: 3.625% per annum
<input type="checkbox"/> payments of interest:	INTEREST PAYMENT DATES: April 15 and October 15 of each year, commencing April 15, 2018
<input type="checkbox"/> Exchange Rate Agent: N/A	OTHER TERMS: Optional-Make-Whole Redemption and Redemption at Par Prior to Maturity. See Addendum attached hereto.
ORIGINAL ISSUE DATE: October 2, 2017	
ORIGINAL ISSUE DISCOUNT SECURITY: N/A	
DEFEASANCE: <input checked="" type="checkbox"/> Full Defeasance: Applicable <input checked="" type="checkbox"/> Covenant Defeasance: Applicable	

Terms left blank or marked “N/A”, “No”, “None” or in a similar manner do not apply to this Security except as otherwise may be specified.

Whenever used in this Security, the terms specified above that apply to this Security have the meanings specified above, unless the context requires otherwise. Other terms used in this Security that are not defined herein but that are defined in the Indenture referred to in Section 1 on the reverse of this Security are used herein as defined therein.

3M Company, a corporation duly organized and existing under the laws of the State of Delaware (hereinafter called the “Company”, which term includes any successor Person under the Indenture), for value received, hereby promises to pay to Cede & Co., or registered assigns, as principal the Principal Amount on the Stated Maturity Date and to pay interest thereon, at the Interest Rate shown above (computed on the basis of a 360-day year of twelve 30-day months), semi-annually on each Interest Payment Date set forth above from and after the date of this Security and at Maturity until payment of the principal amount hereof has been made or duly provided for. Each payment of interest due on an Interest Payment Date or the date of Maturity will include interest accrued from and including the last date to which interest has been paid, or made available for payment, or from the Original Issue Date if none has been paid, or made available for payment, to but excluding the Interest Payment Date or the date of Maturity, as the case may be. Unless this Security is a Security which has been issued upon transfer of, in exchange for, or in replacement of, a Predecessor Security, interest on this Security shall accrue from the Original Issue Date indicated above. If this Security has been issued upon transfer of, in exchange for, or in replacement of, a Predecessor Security, interest on this Security shall accrue from the last Interest Payment Date to which interest was paid on such Predecessor Security or, if no interest was paid on such Predecessor Security, from the Original Issue Date indicated above. Any premium and any such installment of interest that is overdue at any time shall also bear interest (to the extent that the payment of such interest shall be legally enforceable), at the rate per annum at which the principal then bears interest, from the date any such overdue amount first becomes due until it is paid or made available for payment. Notwithstanding the foregoing, interest on any principal, premium or installment of interest that is overdue shall be payable on demand.

The interest so payable, and punctually paid or duly provided for, on any Interest Payment Date will, as provided in the Indenture, be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on the 15th calendar day (whether or not a Business Day, as such term is defined in Section 3(c) on the reverse hereof) next preceding such Interest Payment Date (a “Regular Record Date”). If interest is due at Maturity but on a day that is not an Interest Payment Date, interest will be paid to the Person entitled to receive the principal hereof. Any interest so payable, but not punctually paid or duly provided for, on any Interest Payment Date will forthwith cease to be payable to the Holder on such Regular Record Date and such Defaulted Interest either may be paid to the Person in whose name this Security (or one or more Predecessor Securities) is registered at the close of business on a Special Record Date for the payment of such Defaulted Interest to be

fixed by the Trustee, notice whereof shall be given to the Holder of this Security not less than 10 days prior to such Special Record Date, or may be paid in any other lawful manner not inconsistent with the requirements of any securities exchange on which this Security may be listed, and upon such notice as may be required by such exchange, all as more fully provided in the Indenture.

#### ***Currency of Payment***

Payment of principal of (and premium, if any) and interest on this Security will be made in the Specified Currency for such payment, except as provided in this and the next three paragraphs. The Specified Currency for any payment shall be the currency specified as such on the face of this Security unless, at the time of such payment, such currency is not legal tender for the payment of public and private debts in the country issuing such currency on the Original

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Issue Date, in which case the Specified Currency for such payment shall be such coin or currency as at the time of such payment is legal tender for the payment of public and private debts in such country, except as provided in the next sentence. If the euro is specified on the face of this Security as the Specified Currency for any payment, the Specified Currency for such payment shall be such coin or currency as at the time of payment is legal tender for the payment of public and private debts in all EMU Countries (as defined in Section 3(c) on the reverse hereof), *provided* that, if on any day there are not at least two EMU Countries, or if on any day there are at least two EMU Countries but no coin or currency is legal tender for the payment of public and private debts in all EMU Countries, then the Specified Currency for such payment shall be deemed not to be available to the Company on such day.

Except as provided in the next paragraph, any payment to be made on this Security in a Specified Currency other than U.S. dollars will be made in U.S. dollars if the Person entitled to receive such payment transmits a written request for such payment to be made in U.S. dollars to the Trustee at its Corporate Trust Office, on or before the tenth day before the payment is to be made. Such written request may be mailed, hand delivered, telecopied or delivered in any other manner approved by the Trustee. Any such request made with respect to any payment on this Security payable to a particular Holder will remain in effect for all later payments on this Security payable to such Holder, unless such request is revoked on or before the tenth day before a payment is to be made, in which case such revocation shall be effective for such and all later payments. In the case of any payment of interest payable on an Interest Payment Date, such written request must be made by the Person who is the registered Holder of this Security on the relevant Regular Record Date.

The U.S. dollar amount of any payment made pursuant to the preceding paragraph will be determined by the Exchange Rate Agent based upon the highest bid quotation received by the Exchange Rate Agent as of 11:00 A.M., New York City time, on the second Business Day preceding the applicable payment date, from three (or, if three are not available, then two) recognized foreign exchange dealers selected by the Exchange Rate Agent in The City of New York, in each case for the purchase by the quoting dealer, for U.S. dollars and for settlement on such payment date of an amount of the Specified Currency for such payment equal to the aggregate amount of such Specified Currency payable on such payment date to all Holders of Securities of this or any other series who elect to receive U.S. dollar payments on such payment date, and at which the applicable dealer commits to execute a contract. If the Exchange Rate Agent determines that two such bid quotations are not available on such second Business Day, such payment will be made in the Specified Currency for such payment. All currency exchange costs associated with any payment in U.S. dollars on this Security will be borne by the Holder entitled to receive such payment, by deduction from such payment.

Notwithstanding the foregoing, if any amount payable on this Security is payable on any day (including at Maturity) in a Specified Currency other than U.S. dollars, and if such Specified Currency is not available to the Company on the two Business Days before such day, due to the imposition of exchange controls, disruption in a currency market or any other circumstances beyond the control of the Company, the Company will be entitled to satisfy its obligation to pay such amount in such Specified Currency by making such payment in U.S. dollars. The amount of such payment in U.S. dollars shall be determined by the Exchange Rate Agent on the basis of the noon buying rate for cable transfers in The City of New York for such Specified Currency

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(the "Exchange Rate") as of the latest day before the day on which such payment is to be made. Any payment made under such circumstances in U.S. dollars where the required payment is in other than U.S. dollars will not constitute an Event of Default under the Indenture or this Security.

#### ***Manner of Payment - U.S. Dollars***

Except as provided in the next paragraph, payment of any amount payable on this Security in U.S. dollars will be made at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose), against surrender of this Security in the case of any payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date); *provided, however*, that, at the option of the Company and subject to the next paragraph, payment of interest may be made by check mailed to the address of the Person entitled thereto as such address shall appear in the Security Register.

Payment of any amount payable on this Security in U.S. dollars will be made by wire transfer of immediately available funds to an account maintained by the payee with a bank located in The City of New York, if (i) the principal of this Security is at least \$1,000,000 and (ii) the Holder entitled to receive such payment transmits a written request for such payment to be made in such manner to the Paying Agent at its Corporate Trust Office, Attention: Corporate Finance Group, The Bank of New York Mellon Trust Company, N.A., on or before the tenth day before the day on which such payment is to be made; *provided* that, in the case of any such payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date), this Security must be surrendered at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose) in time for the Paying Agent to make such payment in such funds in accordance with its normal procedures. Any such request made with respect to any payment on this Security payable to a particular Holder will remain in effect for all later payments on this Security payable to such Holder, unless such request is revoked on or before the tenth day before a payment is to be made, in which case such revocation shall be effective for such and all later payments. In the case of any payment of interest payable on an Interest Payment Date, such written request must be made by the Person who is the registered Holder of this Security on the relevant Regular Record Date. If principal or another amount besides interest is due on this Security at Maturity, the Company will pay the amount to the Holder of this Security against surrender hereof at a proper place of payment or, in the case of a Global Security, as provided below in accordance with the applicable policies of the Depository. The Company will pay any administrative costs imposed by banks in connection with making payments by wire transfer with respect to this Security, but any tax, assessment or other governmental charge imposed upon any payment will be borne by the Holder of this Security and may be deducted from the payment by the Company or the Paying Agent.

#### ***Manner of Payment - Other Specified Currencies***

Payment of any amount payable on this Security in a Specified Currency other than U.S. dollars will be made by wire transfer of immediately available funds to such account as is maintained in such Specified Currency at a bank or other financial institution acceptable to the

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Company and the Trustee and as shall have been designated at least ten days prior to the applicable payment date by the Person entitled to receive such payment, provided that, in the case of any such payment due at the Maturity of the principal hereof (other than any payment of interest that first becomes due on an Interest Payment Date), this Security must be surrendered at the office or agency of the Company maintained for that purpose in The City of New York (or at any other office or agency maintained by the Company for that purpose) in time for the Paying Agent to make such payment in such funds in accordance with its normal procedures. Such account designation shall be made by transmitting the appropriate information to the Paying Agent at its Corporate Trust Office, Attention: Corporate Finance Group, The Bank of New York Mellon Trust Company, N.A., by mail, hand delivery, telecopier or in any other manner approved by the Trustee. Unless revoked, any such account designation made with respect to this Security by the Holder hereof will remain in effect with respect to any further payments with respect to this Security payable to such Holder. If a payment in a Specified Currency other than U.S. dollars with respect to this Security cannot be made by wire transfer because the required account designation has not been received by the Paying Agent on or before the requisite date or for any other reason, the Company will cause a notice to be given to the Holder of this Security at its registered address requesting an account designation pursuant to which such wire transfer can be made and such payment will be made within five Business Days after the Paying Agent's receipt of such a designation meeting the requirements specified above, with the same force and effect as if made on the due date. The Company will pay any administrative costs imposed by banks in connection with making payments by wire transfer with respect to this Security, but any tax, assessment or other governmental charge imposed upon any payment will be borne by the Holder of this Security and may be deducted from the payment by the Company or the Paying Agent.

**Manner of Payment - Global Securities**

Notwithstanding any provision of this security or the Indenture, if this Security is a Global Security, the Company may make any and all payments of principal, premium and interest on this Security pursuant to the applicable policies of the Depository for this Security as permitted in the Indenture.

**Payments Due on a Business Day**

Unless otherwise specified on the face of this Security, the following sentence shall apply to this Security. Notwithstanding any provision of this Security or the Indenture, if any amount of principal, premium or interest would otherwise be due on this Security on a day (the "Specified Day") that is not a Business Day, such amount may be paid or made available for payment on the next succeeding Business Day with the same force and effect as if such amount were paid on the Specified Day and an additional interest will accrue with respect to the payment made on that next succeeding Business Day. The provisions of this paragraph shall apply to this Security in lieu of the provisions of Section 113 of the Indenture.

Reference is hereby made to the further provisions of this Security set forth on the reverse hereof, which further provisions shall for all purposes have the same effect as if set forth at this place.

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Unless the certificate of authentication hereon has been executed by the Trustee by manual signature, this Security shall not be entitled to any benefit under the Indenture or be valid or obligatory for any purpose.

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IN WITNESS WHEREOF, the Company has caused this instrument to be duly executed.

3M COMPANY

By

Name: Nicholas C. Gangestad  
Title: Senior Vice President and Chief Financial Officer

By

Name: Matthew J. Ginter  
Title: Vice President and Treasurer

This is one of the Securities of the series designated herein and referred to in the Indenture.

Dated: October 2, 2017

The Bank of New York Mellon Trust Company, N.A., as Trustee

By

Authorized Signatory

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(Reverse of Security)

1. **Securities and Indenture.**

This Security is one of a duly authorized issue of securities of the Company (herein called the "Securities") issued and to be issued in one or more series under an Indenture, dated as of November 17, 2000 as amended or supplemented from time to time (herein called the "Indenture", which term shall have the meaning assigned to it in such instrument), between the Company and The Bank of New York Mellon Trust Company, N.A., as Trustee (herein called the "Trustee", which term includes any successor trustee under the Indenture), and reference is hereby made to the Indenture for a statement of the respective rights, limitations of rights, duties and immunities thereunder of the Company, the Trustee and the Holders of the Securities and of the terms upon which the Securities are, and are to be, authenticated and delivered.

2. **Series and Denominations.**

This Security is one of the series designated on the face hereof, limited to an aggregate principal amount not to exceed \$18,000,000,000 (or the equivalent thereof in any other currency or currencies or currency units), which amount may be increased at the option of the Company if in the future it determines that it may wish to

sell additional Securities of this series. References herein to “this series” mean the series of securities designated on the face hereof.

The Company may create and issue additional Securities with the same terms as this Security, so that the additional Securities will be considered as part of the same issuance as the earlier issuance.

The Securities of this series are issuable only in registered form without coupons in “Authorized Denominations”, which term shall have the following meaning. Unless otherwise specified, for each Security of this series having a principal amount payable in U.S. dollars, the Authorized Denominations shall be \$2,000 and integral multiples of \$1,000 in excess thereof. Unless otherwise specified, for each Security of this series having a principal amount payable in a Specified Currency other than U.S. dollars, the Authorized Denominations shall be the amount of such Specified Currency equivalent, at the Exchange Rate on the first Business Day next preceding the date on which the Company accepts the offer to purchase such Security, to \$2,000 and integral multiples of \$1,000 in excess thereof.

3. ***Interest Rate.***

(a) ***Calculation of Interest.*** Payments of interest hereon with respect to any Interest Payment Date or at the Maturity of the principal hereof will include interest accrued to but excluding such Interest Payment Date or the date of such Maturity, as the case may be.

All percentages resulting from any calculation with respect to this Security will be rounded upward or downward, as appropriate, to the next higher or lower one hundred-thousandth of a percentage point (e.g., 9.876541% (or .09876541) being rounded down to 9.87654% (or .0987654) and 9.876545% (or .09876545) being rounded up to 9.87655% (or .0987655)). All amounts used in or resulting from any calculation with respect to this Security will be rounded upward or downward, as appropriate, to the nearest cent, in the case of U.S.

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dollars, or to the nearest corresponding hundredth of a unit, in the case of a currency other than U.S. dollars, with one-half cent or one-half of a corresponding hundredth of a unit or more being rounded upward.

(b) ***Exchange Rate Agent.*** The Company has initially appointed the institution named on the face of this Security as Exchange Rate Agent, to act as such agent with respect to this Security, but the Company may, in its sole discretion, appoint any other institution (including any Affiliate of the Company) to serve as such agent from time to time. The Company will give the Trustee prompt written notice of any change in any such appointment. Insofar as this Security provides for any such agent to obtain rates, quotes or other data from a bank, dealer or other institution for use in making any determination hereunder, such agent may do so from any institution or institutions of the kind contemplated hereby notwithstanding that any one or more of such institutions are any such agent, Affiliates of any such agent or Affiliates of the Company.

All determinations made by the Exchange Rate Agent may be made by such agent in its sole discretion and, absent manifest error, shall be conclusive for all purposes and binding on the Holder of this Security and the Company. The Exchange Rate Agent shall not have any liability therefor.

(c) ***Definitions of Terms.*** As used in this Security, the following terms have the meanings set forth below:

“Business Day” means, for this Security, a day that meets the requirements set forth in each of clauses (i) through (iv) below, in each case to the extent such requirements apply to this Security as specified below:

- (i) is a Monday, Tuesday, Wednesday, Thursday or Friday that is not a day on which banking institutions in The City of New York generally are authorized or obligated by law, regulation or executive order to close;
- (ii) if the Specified Currency for payment of principal of or interest on this Security is other than U.S. dollars or euros, is also a day on which banking institutions in the principal financial center of the country issuing such Specified Currency are not authorized or obligated by law, regulation or executive order to close;
- (iii) if the Specified Currency for payment of principal of or interest on this Security is euros, is also a TARGET Business Day; and
- (iv) solely with respect to any payment or other action to be made or taken at any Place of Payment outside The City of New York, is a Monday, Tuesday, Wednesday, Thursday or Friday that is not a day on which banking institutions in such Place of Payment generally are authorized or obligated by law, regulation or executive order to close.

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With respect to any particular location, the close of business on any day on which business is not being conducted at that location shall be deemed to mean 5:00 P.M., New York City time, on that day.

“EMU Countries” means, at any time, the countries (if any) then participating in the European Economic and Monetary Union (or any successor union) pursuant to the Treaty on European Union of February 1992 (or any successor treaty), as it may be amended from time to time.

“TARGET Business Day” means any day on which the Trans-European Automated Real-Time Gross Settlement Express Transfer (TARGET) System, or any successor system, is open for business.

References in this Security to U.S. dollars shall mean, as of any time, the coin or currency that is then legal tender for the payment of public and private debts in the United States of America.

References in this Security to the euro shall mean, as of any time, the coin or currency (if any) that is then legal tender for the payment of public and private debts in all EMU Countries.

References in this Security to a particular currency other than U.S. dollars and euros shall mean, as of any time, the coin or currency that is then legal tender for the payment of public and private debts in the country issuing such currency on the Original Issue Date.

4. ***Redemption at the Company's Option.***

Unless a Redemption Commencement Date is specified on the face hereof or as otherwise specified in this Security (including in the Addendum attached hereto), this Security shall not be redeemable at the option of the Company before the Stated Maturity Date. If a Redemption Commencement Date is so specified, and unless otherwise specified on the face hereof, this Security is subject to redemption upon not less than 30 days' nor more than 60 days' notice at any time and from time to time on or after the Redemption Commencement Date, in each case as a whole or in part, at the election of the Company and at the applicable Redemption Price specified on the face

hereof (expressed as a percentage of the principal amount of this Security to be redeemed), together with accrued interest to the Redemption Date, but interest installments due on or prior to such Redemption Date will be payable to the Holder of this Security, or one or more Predecessor Securities, of record at the close of business on the relevant Regular Record Date, all as provided in the Indenture.

5. **Repayment at the Holder's Option.**

Except as otherwise may be provided on the face hereof, if one or more Repayment Dates are specified on the face hereof, this Security will be repayable in whole or in part in an amount equal to any Authorized Denomination (*provided* that the remaining principal amount of any Security surrendered for partial repayment shall at least equal an Authorized Denomination), on any such Repayment Date, in each case at the option of the Holder and at the applicable Repayment Price specified on the face hereof (expressed as a percentage of the

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principal amount to be repaid), together with accrued interest to the applicable Repayment Date (but interest installments due on or prior to such Repayment Date will be payable to the Holder of this Security, or one or more Predecessor Securities, of record at the close of business on the relevant Regular Record Date as provided in the Indenture). If this Security provides for more than one Repayment Date, and the Holder exercises its option to elect repayment, the Holder shall be deemed to have elected repayment on the earliest repayment date after all conditions to such exercise have been satisfied, and references herein to the applicable Repayment Date shall mean such earliest Repayment Date.

In order for the exercise of such option to be effective and this Security to be repaid, the Company must receive at the applicable address of the Paying Agent set forth below (or at such other place or places of which the Company shall from time to time notify the Holder of this Security), on any Business Day at least 30 but not more than 45 days prior to the applicable Repayment Date (or, if either such calendar day is not a Business Day, the next succeeding Business Day), either (i) this Security, with the form below entitled "Option to Elect Repayment" duly completed and signed, or (ii) a telegram, telex, facsimile transmission or letter from a member of a national securities exchange or the Financial Industry Regulatory Authority, Inc., a commercial bank or a trust company in the United States of America setting forth (a) the name, address and telephone number of the Holder of this Security, (b) the principal amount of this Security and the amount of this Security to be repaid, (c) a statement that the option to elect repayment is being exercised thereby and (d) a guarantee stating that the Company will receive this Security, with the form below entitled "Option to Elect Repayment" duly completed and signed, not later than five Business Days after the date of such telegram, telex, facsimile transmission or letter (*provided* that this Security and form duly completed and signed are received by the Company by such fifth Business Day). Any such election shall be irrevocable. The address to which such deliveries are to be made is The Bank of New York Mellon Trust Company N.A., Attention: Corporate Finance Group, 101 Barclay Street — Floor 8W, New York, NY 10286 (or at such other places as the Company or the Paying Agent shall notify the Holder of this Security). All questions as to the validity, eligibility (including time of receipt) and acceptance of any Security for repayment will be determined by the Company, whose determination will be final and binding. Upon any partial repayment, this Security shall be cancelled and a new Security or Securities for the remaining principal amount hereof shall be issued in the name of the Holder of this Security.

6. **Transfer and Exchange.**

As provided in the Indenture and subject to certain limitations therein set forth, the transfer of this Security is registrable in the Security Register, upon surrender of this Security for registration of transfer at the office or agency of the Company at the corporate trust office of the Trustee in the City of New York or at the office of the Paying Agent in New York, duly endorsed by, or accompanied by a written instrument of transfer in form satisfactory to the Company and the Security Registrar duly executed by, the Holder hereof or his or her attorney duly authorized in writing, and thereupon one or more new Securities of this series and of like tenor and terms, of Authorized Denominations and for the same aggregate principal amount, will be issued to the designated transferee or transferees.

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As provided in the Indenture and subject to certain limitations therein set forth, Securities of this series are exchangeable for a like aggregate principal amount of Securities of this series and of like tenor of a different Authorized Denomination, as requested by the Holder surrendering the same.

No service charge shall be made for any such registration of transfer or exchange, but the Company may require payment of a sum sufficient to cover any tax or other governmental charge payable in connection therewith.

Prior to due presentment of this Security for registration of transfer, the Company, the Trustee and any agent of the Company or the Trustee may treat the Person in whose name this Security is registered as the owner hereof for all purposes, whether or not this Security be overdue, and neither the Company nor the Trustee nor any such agent shall be affected by notice to the contrary.

If this Security is a Global Security, this Security shall be subject to the provisions of the Indenture relating to Global Securities, including the limitations in Section 305 thereof on transfers and exchanges of Global Securities. In addition to the provisions of Section 305 of the Indenture, if at any time an Event of Default has occurred and is continuing with respect to this Security and such Event of Default has not been cured or waived pursuant to the provisions of the Indenture, the Company will execute, and the Trustee, upon receipt of a Company Order for the authentication and delivery of definitive Securities, will authenticate and deliver, Securities in definitive form and in an aggregate principal amount equal to the principal amount of the Global Security or Securities in exchange for such Global Security or Securities.

7. **Defeasance.**

The Indenture contains provisions for defeasance at any time of the entire indebtedness of this Security or certain restrictive covenants and Events of Default with respect to this Security, in each case upon compliance with certain conditions set forth in the Indenture. If so specified on the face hereof, either or both of such provisions are applicable to this Security, as so specified.

8. **Remedies.**

If an Event of Default with respect to Securities of this series shall occur and be continuing, the principal of the Securities of this series may be declared due and payable in the manner and with the effect provided in the Indenture.

No reference herein to the Indenture and no provision of this Security or of the Indenture shall alter or impair the obligation of the Company, which is absolute and unconditional, to pay the principal of (and premium, if any) and interest on this Security at the times, place and rate, and in the coin or currency, herein prescribed.

9. **Modification and Waiver.**

The Indenture permits, with certain exceptions as therein provided, the amendment thereof and the modification of the rights and obligations of the Company and the

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rights of the Holders of the Securities of each series to be affected under the Indenture at any time by the Company and the Trustee with the consent of the Holders of a majority in aggregate principal amount of the Securities at the time Outstanding of each series to be affected.

Under the Indenture, the Holders of a majority in aggregate principal amount of the Outstanding Securities of this series or any other series of Outstanding Securities may, on behalf of all Holders of that series, waive compliance by the Company with certain restrictive covenants of the Indenture, and waive any past Event of Default under the Indenture, but in each case only with respect to that series, except an Event of Default in the payment of the principal of or any premium or interest on and Securities of that series or an Event of Default under any provision of the Indenture which itself cannot be modified or amended without the consent of the holders of each Outstanding Security of that series. Any such consent or waiver by the Holder of this Security shall be conclusive and binding upon such Holder and upon all future Holders of this Security and of any Security issued upon the registration of transfer hereof or in exchange herefor or in lieu hereof, whether or not notation of such consent or waiver is made upon this Security.

10. **Governing Law.**

**This Security and the Indenture shall be governed by and construed in accordance with the laws of the State of New York.**

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CUSIP NO.

ORIGINAL ISSUE DATE:

3M COMPANY  
MEDIUM-TERM NOTE, SERIES F

*OPTION TO ELECT REPAYMENT*

TO BE COMPLETED ONLY IF THIS SECURITY IS REPAYABLE  
AT THE OPTION OF THE HOLDER AND THE HOLDER  
ELECTS TO EXERCISE SUCH RIGHT

The undersigned hereby irrevocably requests and instructs the Company to repay the Security referred to in this notice (or the portion thereof specified below) at the applicable Repayment Price, together with interest to the Repayment Date, all as provided for in such Security, to the undersigned, whose name, address and telephone number are as follows:

\_\_\_\_\_  
(please print name of the undersigned)

\_\_\_\_\_  
(please print address of the undersigned)

\_\_\_\_\_  
(please print telephone number of the undersigned)

If such Security provides for more than one Repayment Date, the undersigned requests repayment on the earliest Repayment Date after the requirements for exercising this option have been satisfied, and references in this notice to the Repayment Date mean such earliest Repayment Date. Terms used in this notice that are defined in such Security are used herein as defined therein.

For such Security to be repaid the Company must receive at the applicable address of the Paying Agent set forth below or at such other place or places of which the Company shall from time to time notify the Holder of such Security, any Business Day not later than the 30th or earlier than the 45th calendar day prior to the Repayment Date (or, if either such calendar day is not a Business Day, the next succeeding Business Day), (i) such Security, with this "Option to Elect Repayment" form duly completed and signed, or (ii) a telegram, telex, facsimile transmission or letter from a member of a national securities exchange or the Financial Industry Regulatory Authority, Inc., a commercial bank or a trust company in the United States of America setting forth (a) the name, address and telephone number of the Holder of such Security, (b) the principal amount of such Security and the amount of such Security to be repaid, (c) a statement that the option to elect repayment is being exercised thereby and (d) a guarantee stating that such Security to be repaid with the form entitled "Option to Elect Repayment" on the addendum to the Security duly completed and signed will be received by the Company not later than five Business Days after the date of such telegram, telex, facsimile transmission or letter

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(provided that such Security and form duly completed and signed are received by the Company by such fifth Business Day). The address to which such deliveries are to be made is:

The Bank of New York Mellon Trust Company, N.A.  
Attention: Corporate Finance Group  
101 Barclay Street — Floor 8W  
New York, New York 10286

or at such other place as the Company or the Paying Agent shall notify the holder of such Security.

If less than the entire principal amount of such Security is to be repaid, specify the portion thereof (which shall equal any Authorized Denomination) that the Holder elects to have repaid:

and specify the denomination or denominations (which shall equal any Authorized Denomination) of the Security or Securities to be issued to the Holder in respect of the portion of such Security not being repaid (in the absence of any specification, one Security will be issued in respect of the portion not being repaid):

Date: \_\_\_\_\_

\_\_\_\_\_  
Notice: The signature to this Option to Elect Repayment must correspond with the

name of the Holder as written on the face of such Security in every particular without alteration or enlargement or any other change whatsoever.

ABBREVIATIONS

The following abbreviations, when used in the inscription on the face of this Security, shall be construed as though they were written out in full according to applicable laws or regulations.

TEN COM - as tenants in common

TEN ENT - as tenants by the entireties

JT TEN - as joint tenants with the right of survivorship and not as tenants in common

UNIF GIFT MIN ACT - \_\_\_\_\_ Custodian \_\_\_\_\_  
(Cust) under Uniform Gifts to Minors Act (Minor)  
\_\_\_\_\_  
(State)

Additional abbreviations may also be used though not in the above list.

ASSIGNMENT

FOR VALUE RECEIVED, the undersigned hereby sell(s), assign(s) and transfer(s) unto

PLEASE INSERT SOCIAL SECURITY OR OTHER IDENTIFYING NUMBER OF ASSIGNEE \_\_\_\_\_

(Please Print or Typewrite Name and Address  
Including Postal Zip Code of Assignee)

the attached Security and all rights thereunder, and hereby irrevocably constitutes and appoints \_\_\_\_\_ to transfer said Security on the books of the Company, with full power of substitution in the premises.

Dated: \_\_\_\_\_

Signature Guaranteed

NOTICE: Signature must be guaranteed.

NOTICE: The signature to this assignment must correspond with the name of the Holder as written upon the face of the attached Security in every particular, without alteration or enlargement or any change whatever.

ADDENDUM

Optional Make-Whole Redemption and Redemption at Par Prior to Maturity

Prior to April 15, 2047 (six months prior to the maturity date of this Security), this Security will be redeemable at any time, in whole or from time to time in part, at our option at a Redemption Price equal to the greater of

- 100% of the principal amount to be redeemed, and
- as determined by the quotation agent (as defined below), the sum of the present values of the remaining scheduled payments of principal of and interest on this Security to be redeemed (not including any interest accrued to the Redemption Date) discounted to the Redemption Date on a semi-annual basis assuming a 360-day year consisting of twelve 30-day months at the treasury rate (defined below) plus 15 basis points

plus, in the case of both clauses above, accrued and unpaid interest on this Security to be redeemed to the Redemption Date.

In addition, at any time on or after April 15, 2047 (six months prior to the maturity date of this Security), the Security will be redeemable, in whole but not in part at our option, at a redemption price equal to 100% of the principal amount of the Security plus accrued interest thereon to the date of redemption.

“Treasury rate” means, with respect to any Redemption Date, the annual rate equal to the semi-annual equivalent yield to maturity of the comparable treasury issue,

assuming a price of the comparable treasury issue (expressed as a percentage of its principal amount) equal to the comparable treasury price for that Redemption Date.

“**Comparable treasury issue**” means the United States Treasury security selected by the quotation agent as having a maturity comparable to the remaining term of this Security to be redeemed, as if this Security to be redeemed matured on April 15, 2047, that would be utilized, at the time of a selection and in accordance with customary financial practice, in pricing new issues of corporate debt securities of comparable maturity to the remaining term of this Security.

“**Comparable treasury price**” means, with respect to any Redemption Date, (i) the average of at least three reference treasury dealer quotations for that Redemption Date, after excluding the highest and lowest of five or more reference treasury dealer quotations, or (ii) if the Trustee obtains fewer than five reference dealer quotations, the average of all reference treasury dealer quotations so obtained.

“**Quotation agent**” means the reference treasury dealer appointed by the Company.

“**Reference treasury dealer**” means (i) each of J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC and their respective successors; however, if any of the foregoing shall cease to be a primary U.S. Government securities dealer in New York City (a “**primary treasury dealer**”), the Company

will substitute another primary treasury dealer; and (ii) any other primary treasury dealer(s) selected by the Company.

“**Reference treasury dealer quotations**” means, with respect to each reference treasury dealer and any Redemption Date, the average, as determined by the Company, of the bid and asked prices for the comparable treasury issue (expressed in each case as a percentage of its principal amount) quoted in writing to the Trustee by the reference treasury dealer at 5:00 p.m., New York City time, on the third business day preceding the Redemption Date.

In the case of a partial redemption, selection of this Security for redemption will be made pro rata, if commercially practicable in accordance with the procedures of DTC or the relevant depository, and if not, then by lot or such other method as required in accordance with the procedures of DTC or the relevant depository. This Security will be redeemed in denominations of \$2,000 and integral multiples of \$1,000 in excess thereof. Notice of any redemption will be mailed by first class mail at least 30 days but not more than 60 days before the Redemption Date to each Holder of this Security to be redeemed at its registered address. If any Securities are to be redeemed in part only, the notice of redemption that relates to the Security will state the portion of the Security to be redeemed. New Securities in principal amounts of at least \$2,000 equal to the unredeemed portion of this Security will be issued in the name of the Holder of this Security upon surrender for cancellation of the original Security. Unless the Company defaults in payment of the Redemption Price, on and after the Redemption Date, interest will cease to accrue on this Security or the portions of this Security called for redemption.



October 2, 2017

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

Re: 3M Company  
Registration Statement on Form S-3 (Registration No. 333-216219)

Ladies and Gentlemen:

I am the Deputy General Counsel of 3M Company, a Delaware corporation (the "Company"), and as such I have acted as counsel in connection with the issuance and sale by the Company of \$650,000,000 principal amount of the Company's 2.250% Notes due 2023 (the "2023 Notes"), \$850,000,000 principal amount of the Company's 2.875% Notes due 2027 (the "2027 Notes"), and \$500,000,000 principal amount of the Company's 3.625% Notes due 2047 (the "2047 Notes" and, together with the 2023 Notes and the 2027 Notes, the "Securities"), Medium-Term Notes, Series F pursuant to the Terms Agreement, dated September 21, 2017 (the "Terms Agreement"), among the Company and J.P. Morgan Securities LLC, Merrill Lynch, Pierce, Fenner & Smith Incorporated and Wells Fargo Securities, LLC and the other parties named therein and to the Second Amended and Restated Distribution Agreement, dated May 19, 2016 (the "Distribution Agreement"), among the Company and the agents named therein. The Securities have been offered pursuant to a Prospectus dated February 24, 2017, a Prospectus Supplement dated May 5, 2017 and a Pricing Supplement dated September 21, 2017. The Securities will be issued under the Indenture, dated as of November 15, 2000 (the "Original Indenture"), between the Company and The Bank of New York Mellon Trust Company, N.A. (as successor to Citibank, N.A.), as trustee, as supplemented by the First Supplemental Indenture, dated as of July 29, 2011 (the "First Supplemental Indenture" and together with the Original Indenture, the "Indenture"). Capitalized terms used herein but not otherwise defined shall have the meaning assigned to them in the Terms Agreement or the Distribution Agreement.

I have examined and am familiar with originals, or copies certified or otherwise identified to my satisfaction, of such documents, corporate records, certificates of officers of the Company and of public officials and such other instruments as I have deemed necessary or appropriate as a basis for the opinions expressed below, including the Registration Statement on Form S-3 (Registration No. 333-216219) (such registration statement, as amended to the date hereof, including the documents incorporated by reference therein, the "Registration Statement"), the Prospectus, the Prospectus Supplement, the Pricing Supplement, the Company's Certificate of Incorporation, the Company's Amended and Restated By-Laws, the Indenture, the Securities, the Distribution Agreement and the Terms Agreement. In such examination, I have assumed the following: (a) the authenticity of original documents and the genuineness of all signatures; (b) the conformity to the originals of all documents submitted to the Company as copies; (c) the truth, accuracy and completeness of the information, representations and warranties contained in the records, documents, instruments and certificates I have reviewed; and (d) the certificates representing the Securities conform as to form to the form of global notes examined by me.

Based on such examination, I am of the opinion that the issuance of \$650,000,000 principal amount of the 2023 Notes, \$850,000,000 principal amount of the 2027 Notes and \$500,000,000

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principal amount of the 2047 Notes has been duly authorized by all necessary action by the Board of Directors and the authorized officers of the Company and that the Securities will constitute valid and legally binding obligations of the Company enforceable against the Company in accordance with their terms (except to the extent enforceability may be limited by applicable bankruptcy, insolvency, reorganization, moratorium, fraudulent transfer or other similar laws affecting the enforcement of creditors' rights generally and by the effect of general principles of equity, regardless of whether enforceability is considered in a proceeding in equity or at law) when the Securities shall have been duly executed by the Company and authenticated by the Trustee as provided in the Indenture and shall have been duly delivered to the purchasers thereof against payment of the agreed consideration therefor.

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The foregoing opinion is limited to the Federal laws of the United States of America, the laws of the State of New York and the General Corporation Law of the State of Delaware. I hereby consent to the incorporation by reference of this opinion as an exhibit to the above-referenced Registration Statement to the use of my name wherever it appears in the Registration Statement, Prospectus and the Prospectus Supplement. In giving such consent, I do not thereby admit that I am within the category of persons whose consent is required by Section 7 of the Act or the related rules and regulations of the Securities and Exchange Commission issued thereunder with respect to any part of the Registration Statement, including this opinion as an exhibit or otherwise.

Very truly yours,

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

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