THERMO FISHER SCIENTIFIC INC.

Form 4

December 16, 2015

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

OMB APPROVAL

OMB 3235-0287 Number:

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if no longer subject to Section 16.

Check this box

Form 4 or Form 5 obligations

may continue.

See Instruction

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Loewald Thomas W Issuer Symbol THERMO FISHER SCIENTIFIC (Check all applicable) INC. [TMO] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title) _ Other (specify (Month/Day/Year) below) 81 WYMAN STREET 12/14/2015 Senior Vice President (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

WALTHAM, MA 02451

(0, ,)

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/14/2015		M	7,013	A	\$ 54.97	44,451	D	
Common Stock	12/14/2015		S <u>(1)</u>	13,013	D	\$ 134.18 (2)	31,438	D	

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

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Person

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number out Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		of Derivative Expiration Date Securities (Month/Day/Yea Acquired A) or Disposed of D) Instr. 3, 4,		7. Title and Lunderlying S (Instr. 3 and	Securities	8 I S (
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 54.97	12/14/2015		M	7	7,013	<u>(3)</u>	02/23/2018	Common Stock	7,013	

Reporting Owners

Reporting Owner Name / Address	Relationships						
•	Director	10% Owner	Officer	Other			
Loewald Thomas W							
81 WYMAN STREET			Senior Vice President				

WALTHAM, MA 02451

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Signatures

/s/ Barbara J. Lucas, Attorney-in-Fact for Thomas W. Loewald

12/16/2015

8. I De Sec (In

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on November 11, 2015.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$133.85 to \$134.64, inclusive. The reporting person undertakes to provide to Thermo Fisher Scientific Inc. ("TMO"), any security holder of TMO or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- (3) The option vested in four equal installments on February 23, 2012, 2013, 2014 and 2015.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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