

THERMO FISHER SCIENTIFIC INC.

Form 4

November 27, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person *
WILVER PETER M

2. Issuer Name and Ticker or Trading Symbol
THERMO FISHER SCIENTIFIC INC. [TMO]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
81 WYMAN STREET, P.O. BOX 9046

3. Date of Earliest Transaction (Month/Day/Year)
11/26/2007

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Sr. VP & CFO

(Street)
WALTHAM, MA 024549046

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
____ Form filed by More than One Reporting Person

(City) (State) (Zip)

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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price |
| Common Stock | 11/26/2007 | | M | | 50,000 | A | \$ 19.67 |
| Common Stock | 11/26/2007 | | M | | 15,000 | A | \$ 20.27 |
| Common Stock | 11/26/2007 | | M | | 62,500 | A | \$ 30.59 |
| Common Stock | 11/26/2007 | | S | | 83,900 | D | \$ 57 |
| Common Stock | 11/26/2007 | | S | | 13,600 | D | \$ 57.01 |

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| | | | | | | | |
|--------------|------------|---|-------|---|----------|--------|---|
| Common Stock | 11/26/2007 | S | 4,500 | D | \$ 57.02 | 49,883 | D |
| Common Stock | 11/26/2007 | S | 2,800 | D | \$ 57.03 | 47,083 | D |
| Common Stock | 11/26/2007 | S | 2,400 | D | \$ 57.04 | 44,683 | D |
| Common Stock | 11/26/2007 | S | 4,800 | D | \$ 57.05 | 39,883 | D |
| Common Stock | 11/26/2007 | S | 5,700 | D | \$ 57.06 | 34,183 | D |
| Common Stock | 11/26/2007 | S | 2,200 | D | \$ 57.07 | 31,983 | D |
| Common Stock | 11/26/2007 | S | 1,100 | D | \$ 57.08 | 30,883 | D |
| Common Stock | 11/26/2007 | S | 1,400 | D | \$ 57.09 | 29,483 | D |
| Common Stock | 11/26/2007 | S | 3,100 | D | \$ 57.1 | 26,383 | D |
| Common Stock | 11/26/2007 | S | 600 | D | \$ 57.11 | 25,783 | D |
| Common Stock | 11/26/2007 | S | 600 | D | \$ 57.12 | 25,183 | D |
| Common Stock | 11/26/2007 | S | 400 | D | \$ 57.13 | 24,783 | D |
| Common Stock | 11/26/2007 | S | 400 | D | \$ 57.15 | 24,383 | D |

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

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SEC 1474
(9-02)

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

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Title |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------|
| | | | | Code | V (A) (D) | | | |

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| | | | | | | Date Exercisable | Expiration Date | | Amount or Number of Shares |
|--------------------------------------|----------|------------|---|--------|-----|---------------------|--------------------|--------|-------------------------------------|
| Stock Option (Right to Buy) | \$ 20.27 | 11/26/2007 | M | 15,000 | (1) | 03/15/2009 | Common Stock | 15,000 | |
| Stock Option (Right to Buy) | \$ 30.59 | 11/26/2007 | M | 62,500 | (2) | 06/02/2011 | Common Stock | 62,500 | |
| Stock Option (Right to Buy) | \$ 19.67 | 11/26/2007 | M | 50,000 | (3) | 11/21/2012 | Common Stock | 50,000 | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|--------------|-------|
| | Director | 10% Owner | Officer | Other |
| WILVER PETER M 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046 | | | Sr. VP & CFO | |

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Peter M. Wilver 11/27/2007

__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 option vested in three equal installments on March 15, 2003, 2004 and 2005.
- (2) The option originally was to have vested in three equal annual installments beginning on June 2, 2005, but became fully exercisable on November 9, 2006, as a result of the Issuer's merger with Fisher Scientific International Inc.
- (3) The option originally was to have vested in three equal annual installments beginning on November 21, 2005, but became fully exercisable on November 9, 2006, as a result of the Issuer's merger with Fisher Scientific International Inc.

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