

THERMO FISHER SCIENTIFIC INC.
 Form 3
 July 16, 2007

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Bell Michael Adam | | (Month/Day/Year) | THERMO FISHER SCIENTIFIC INC. [TMO] | |
| (Last) | (First) | (Middle) | 07/12/2007 | |
| 81 WYMAN STREET,Â P.O. | | | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| BOX 9046 | | | | |
| (Street) | | | (Check all applicable) | |
| WALTHAM,Â MAÂ 024549046 | | | <input checked="" type="checkbox"/> Director | <input type="checkbox"/> 10% Owner |
| (City) | (State) | (Zip) | <input type="checkbox"/> Officer | <input type="checkbox"/> Other |
| | | | (give title below) | (specify below) |
| | | | | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| | | | | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| | | | | <input type="checkbox"/> Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|------------------------------------|--|---|--|
| Common Stock | 0 | D | Â |
| Common Stock | 160 | I | By Michael A. Bell 1992 Trust |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of | 5. Ownership Form of Derivative | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---|---|--|------------------------------------|---------------------------------|--|
|---|---|--|------------------------------------|---------------------------------|--|

| | | | | | |
|---------------------|--------------------|-------|----------------------------------|------------------------|---|
| Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Derivative Security | Security: Direct (D) or Indirect (I) (Instr. 5) |
|---------------------|--------------------|-------|----------------------------------|------------------------|---|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Bell Michael Adam 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046 | X | ^ | ^ | ^ |

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Michael Adam Bell 07/16/2007

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).

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Remarks:
 Exhibit List - Confirming Statement

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.