Massaro Joseph R Form 4 January 11, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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

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 Massaro Joseph R Issuer Symbol THERMO FISHER SCIENTIFIC (Check all applicable) INC. [TMO] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner Other (specify X_ Officer (give title (Month/Day/Year) below) 81 WYMAN STREET, P.O. BOX 01/10/2007 Sr. VP, Global Bus. Services 9046 (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 024549046

Common

Stock

01/10/2007

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 1. Title of 3. 4. Securities Acquired 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned Ownership (D) or Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 01/10/2007 D M 10,107 A 34,432 Stock 30.68 Common 01/10/2007 11,880 \$ 32.3 46,312 D M A Stock Common 01/10/2007 M 4,185 50,497 D Stock Common $S^{(1)}$ D 01/10/2007 32.972 D \$ 47 17,525 Stock

25

D

17,500

D

 $S^{(1)}$

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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. Transactic Code (Instr. 8)			6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 30.68	01/10/2007		M		10,107	11/09/2006	03/07/2015	Common Stock	10,107
Stock Option (Right to Buy)	\$ 32.3	01/10/2007		M		11,880	<u>(2)</u>	07/25/2015	Common Stock	11,880
Stock Option (Right to Buy)	\$ 31.31	01/10/2007		M		4,185	(3)	12/19/2015	Common Stock	4,185

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

Massaro Joseph R 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046

Sr. VP, Global Bus. Services

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Joseph R.

Massaro 01/11/2007

**Signature of Reporting Person Date

Reporting Owners 2

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 December 8, 2006.
- (2) Upon completion of this exercise, 4,400 options will become exercisable on 12/31/07.
- (3) Upon completion of this exercise, 1,596 options will become exercisable on 12/31/07.

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.