#### THERMO FISHER SCIENTIFIC INC.

Form 4

August 27, 2007

# FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or Form 5

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

obligations may continue. See Instruction

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 \* **BROADBENT GUY** 

2. Issuer Name and Ticker or Trading

Symbol

THERMO FISHER SCIENTIFIC INC. [TMO]

(Middle) (Last) (First) 3. Date of Earliest Transaction

(Month/Day/Year) 08/24/2007

81 WYMAN STREET, P.O. BOX 9046 (Street)

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

(Check all applicable)

Director X\_ Officer (give title below)

Other (specify

10% Owner

**OMB APPROVAL** 

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

**OMB** 

Number:

Expires:

response...

Senior Vice President

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Issuer

WALTHAM, MA 024549046

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Securi	ities Acqu	ired, Disposed of	f, 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. Transactio Code (Instr. 8)				5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	08/24/2007		Code V M	Amount 60,000	(D)	Price \$ 22.28	(Instr. 3 and 4) 84,655	D	
Common Stock	08/24/2007		S	13,200	D	\$ 52.5	71,455	D	
Common Stock	08/24/2007		S	9,200	D	\$ 52.52	62,255	D	
Common Stock	08/24/2007		S	6,600	D	\$ 52.53	55,655	D	
Common Stock	08/24/2007		S	13,900	D	\$ 52.54	41,755	D	

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Common Stock	08/24/2007	S	2,600	D	\$ 52.55	39,155	D
Common Stock	08/24/2007	S	500	D	\$ 52.56	38,655	D
Common Stock	08/24/2007	S	4,800	D	\$ 52.6	33,855	D
Common Stock	08/24/2007	S	2,600	D	\$ 52.61	31,255	D
Common Stock	08/24/2007	S	300	D	\$ 52.62	30,955	D
Common Stock	08/24/2007	S	1,100	D	\$ 52.63	29,855	D
Common Stock	08/24/2007	S	3,900	D	\$ 52.64	25,955	D
Common Stock	08/24/2007	S	600	D	\$ 52.65	25,355	D
Common Stock	08/24/2007	S	700	D	\$ 52.66	24,655	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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date Gecurities (Month/Day/Year) Acquired (A) or Disposed of D) Instr. 3, 4,		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)	\$ 22.28	08/24/2007		M	60,000	<u>(1)</u>	11/29/2008	Common Stock	60,000

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# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BROADBENT GUY 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046

Senior Vice President

### **Signatures**

By: Barbara J. Lucas, Attorney-in-Fact for Guy Broadbent

08/27/2007

\*\*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 vests in three equal annual installments beginning on November 29, 2002.

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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