

THERMO FISHER SCIENTIFIC INC.  
 Form 4  
 November 08, 2007

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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**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 \*  
 DEKKERS MARIJN E

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

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chief Executive Officer

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

3. Date of Earliest Transaction (Month/Day/Year)  
 11/06/2007

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	11/06/2007		S		500	D	\$ 57.55 126,492
Common Stock	11/06/2007		S		100	D	\$ 57.57 126,392
Common Stock	11/06/2007		S		100	D	\$ 57.58 126,292
Common Stock	11/06/2007		S		200	D	\$ 57.59 126,092
Common Stock	11/06/2007		S		1,000	D	\$ 57.6 125,092

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Common Stock	11/06/2007	S	300	D	\$ 57.61	124,792	D
Common Stock	11/06/2007	S	100	D	\$ 57.62	124,692	D
Common Stock	11/07/2007	M	146,000	A	\$ 27.4	270,692	D
Common Stock	11/07/2007	S	106,800	D	\$ 57	163,892	D
Common Stock	11/07/2007	S	13,000	D	\$ 57.01	150,892	D
Common Stock	11/07/2007	S	6,000	D	\$ 57.02	144,892	D
Common Stock	11/07/2007	S	2,300	D	\$ 57.03	142,592	D
Common Stock	11/07/2007	S	2,000	D	\$ 57.04	140,592	D
Common Stock	11/07/2007	S	1,600	D	\$ 57.05	138,992	D
Common Stock	11/07/2007	S	2,500	D	\$ 57.06	136,492	D
Common Stock	11/07/2007	S	3,900	D	\$ 57.07	132,592	D
Common Stock	11/07/2007	S	2,700	D	\$ 57.08	129,892	D
Common Stock	11/07/2007	S	800	D	\$ 57.09	129,092	D
Common Stock	11/07/2007	S	1,800	D	\$ 57.1	127,292	D
Common Stock	11/07/2007	S	1,400	D	\$ 57.11	125,892	D
Common Stock	11/07/2007	S	700	D	\$ 57.12	125,192	D
Common Stock	11/07/2007	S	500	D	\$ 57.13	124,692	D

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

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(9-02)

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

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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)	Amount of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Stock Option (Right to Buy)	\$ 27.4	11/07/2007		M	146,000	(1) 02/25/2012		Common Stock	146,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DEKKERS MARIJN E 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046	X		Chief Executive Officer	

## Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Marijn E. Dekkers  
 11/08/2007  
 \*\*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 February 25, 2006.

### Remarks:

Form 2 of 2

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.