STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

THERMO FISHER SCIENTIFIC INC.

Form 4

November 22, 2006

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

OMB APPROVAL

OMB Number: 3235-0287

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

obligations

may continue.

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

See Instruction 1(b).

(City)

(State)

(Zip)

(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)
(Last) 81 WYMAN 3 9046	(First) STREET, P.0	(Middle) D. BOX	3. Date of Earliest Transaction (Month/Day/Year) 11/20/2006	_X_ Director 10% Owner Specify below) Other (specify below) Chief Executive Officer
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting
WALTHAM,	MA 0245490)46		Person

Table I - Non-	Derivati	ve Se	curi	ties	Acq	uired, Disp	osed of	, or Be	neficially Owned
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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. Securit or(A) or Dis (Instr. 3,	sposed 4 and 3	of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	11/20/2006		M	80,000	A	\$ 19.5	199,692	D	
Common Stock	11/20/2006		S(1)	2,000	D	\$ 43.95	197,692	D	
Common Stock	11/20/2006		S <u>(1)</u>	500	D	\$ 43.93	197,192	D	
Common Stock	11/20/2006		S <u>(1)</u>	100	D	\$ 43.92	197,092	D	
Common Stock	11/20/2006		S(1)	900	D	\$ 43.91	196,192	D	

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Common Stock	11/20/2006	S(1)	7,500	D	\$ 43.9	188,692	D
Common Stock	11/20/2006	S(1)	400	D	\$ 43.88	188,292	D
Common Stock	11/20/2006	S(1)	500	D	\$ 43.87	187,792	D
Common Stock	11/20/2006	S(1)	900	D	\$ 43.86	186,892	D
Common Stock	11/20/2006	S(1)	4,700	D	\$ 43.85	182,192	D
Common Stock	11/20/2006	S(1)	300	D	\$ 43.84	181,892	D
Common Stock	11/20/2006	S(1)	1,900	D	\$ 43.83	179,992	D
Common Stock	11/20/2006	S(1)	2,400	D	\$ 43.82	177,592	D
Common Stock	11/20/2006	S(1)	6,600	D	\$ 43.81	170,992	D
Common Stock	11/20/2006	S(1)	14,500	D	\$ 43.8	156,492	D
Common Stock	11/20/2006	S(1)	3,900	D	\$ 43.79	152,592	D
Common Stock	11/20/2006	S(1)	1,800	D	\$ 43.78	150,792	D
Common Stock	11/20/2006	S(1)	1,400	D	\$ 43.77	149,392	D
Common Stock	11/20/2006	S(1)	1,200	D	\$ 43.76	148,192	D
Common Stock	11/20/2006	S(1)	1,000	D	\$ 43.75	147,192	D
Common Stock	11/20/2006	S(1)	1,000	D	\$ 43.74	146,192	D
Common Stock	11/20/2006	S(1)	1,100	D	\$ 43.73	145,092	D
Common Stock	11/20/2006	S(1)	1,100	D	\$ 43.72	143,992	D
Common Stock	11/20/2006	S(1)	6,200	D	\$ 43.71	137,792	D
Common Stock	11/20/2006	S(1)	3,100	D	\$ 43.7	134,692	D
	11/20/2006	S <u>(1)</u>	1,600	D		133,092	D

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Common Stock					\$ 43.68		
Common Stock	11/20/2006	S(1)	400	D	\$ 43.67	132,692	D
Common Stock	11/20/2006	S(1)	500	D	\$ 43.66	132,192	D
Common Stock	11/20/2006	S(1)	2,500	D	\$ 43.6	129,692	D
Common Stock	11/20/2006	S <u>(1)</u>	2,400	D	\$ 43.55	127,292	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	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exerc	cisable and	7. Title and A	Amount of	8
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orDerivative	Expiration D	ate	Underlying S	Securities]
Security	or Exercise		any	Code	Securities	(Month/Day/	Year)	(Instr. 3 and	4)	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)					(
	Derivative				or Disposed of					
	Security				(D)					
					(Instr. 3, 4,					
					and 5)					
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Q. 1										
Stock Option (Right to Buy)	\$ 19.5	11/20/2006		M	80,000	(2)	07/11/2007	Common Stock	80,000	

Reporting Owners

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

Reporting Owners 3

Relationshins

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Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Marijn E.

Dekkers

11/22/2006

**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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on November 13, 2006.
- (2) The option vests in three equal annual installments beginning on July 11, 2001.

Remarks:

Form 1 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.

Signatures 4