THERMO FISHER SCIENTIFIC INC.

Form 4

November 14, 2006

FORM 4

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

OMB Number: 3235-0287

Expires:

OMB APPROVAL

January 31,

2005

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Check this box if no longer subject to Specific 16

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Estimated average burden hours per response...

subject to Section 16. Form 4 or Form 5

obligations

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

SECURITIES

may continue.

See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * HOOGASIAN SETH H	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) (First) (Middle) 81 WYMAN STREET, P.O. BOX 9046	3. Date of Earliest Transaction (Month/Day/Year) 11/09/2006	Director 10% Owner _X Officer (give title Other (specify below)		
(Street) WALTHAM, MA 024549046	4. If Amendment, Date Original Filed(Month/Day/Year)			

(City)	(State)	Zip) Table	e I - Non-D	erivative S	ecurit	ies Acq	quired, Disposed (of, or Beneficial	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any		3. 4. Securities Transaction(A) or Disp Code (D)		ies Acquired sposed of		5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial
		(Month/Day/Year)	(Instr. 8) Code V	(Instr. 3, 4	(A) or (D)	5) Price	Owned Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock	11/09/2006		A	10,100	A	\$ 0	38,282	D	
Common Stock							411	I	By 401(k)

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

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(9-02)

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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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			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)	\$ 43.37	11/09/2006		A	116,800	<u>(1)</u>	11/09/2013	Common Stock	116,800

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HOOGASIAN SETH H 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046

Sr. VP, Gen. Counsel & Sec.

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Seth H.

Hoogasian 11/14/2006

**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 option vests in five equal annual installments beginning on November 9, 2007.

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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