

THERMO FISHER SCIENTIFIC INC.
 Form 4
 November 14, 2006

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

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
 KOEPFGEN BRUCE L

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
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/09/2006

Director 10% Owner
 Officer (give title below) Other (specify below)

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 Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Stock	11/09/2006		A	4,000 A 4.00	4,000	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)

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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 or Number of Shares	
				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	15,600	(2) 11/09/2013	Common Stock	15,600	
Stock Option (Right to Buy)	\$ 30.04	11/09/2006		A	20,000	11/09/2006 05/06/2015	Common Stock	20,000	
Stock Option (Right to Buy)	\$ 36.87	11/09/2006		A	20,000	11/09/2006 05/05/2016	Common Stock	20,000	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KOEPFGEN BRUCE L 81 WYMAN STREET P.O. BOX 9046 WALTHAM, MA 024549046		X		

Signatures

By: Barbara J. Lucas, Attorney-in-Fact for Bruce L. Koepfgen
Date: 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) Received in exchange for 2,000 Restricted Stock Units accrued under Fisher Scientific International Inc.'s ("FSH") 2005 Equity and Incentive Plan. The Restricted Stock Units were settled pursuant to the merger of Thermo Fisher Scientific Inc. (formerly known as Thermo Electron Corporation), Trumpet Merger Corporation and FSH (the "Merger") for 2.0 shares of TMO common stock on the effective date of the Merger.
- (2) The option vests in three equal annual installments beginning on November 9, 2007.
- (3) Received in the Merger in exchange for a stock option to acquire 10,000 shares of FSH common stock for \$60.07 per share.

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(4) Received in the Merger in exchange for a stock option to acquire 10,000 shares of FSH common stock for \$73.73 per share.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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