MASIMO CORP Form 4 March 12, 2008

### FORM 4

# **OMB APPROVAL**

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

**OMB** 3235-0287 Number:

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

January 31, Expires: 2005

Form 5 obligations STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

Estimated average burden hours per response...

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

0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CAHILL EDWARD L			2. Issuer Name <b>and</b> Ticker or Trading Symbol MASIMO CORP [MASI]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Elicon un applicable)				
C/O CAMDEN PARTNERS HOLDINGS, LLC, 500 E. PRATT STREET, SUITE 1200			(Month/Day/Year) 03/10/2008	X Director 10% Owner Officer (give title below) Other (specify below)				
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check				
BALTIMORE, MD 21202			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acc	quired, 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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				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)	(1115121 1)	By Cahill,	
Common Stock	03/06/2008		S	100,000	D	\$ 31.8	834,890	I	Warnock Strategic Partners Fund, L.P.	
Common Stock							42,000	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)

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. onNumber	6. Date Exerc Expiration D		7. Title		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Monus Day) Teal)	any (Month/Day/Year)	Code (Instr. 8)	of (Month/Day/Year)			Underly Securit	ying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CAHILL EDWARD L C/O CAMDEN PARTNERS HOLDINGS, LLC 500 E. PRATT STREET, SUITE 1200 BALTIMORE, MD 21202

### **Signatures**

/s/ Donald W. Hughes, Attorney-in-Fact

03/12/2008

\*\*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).

X

Mr. Cahill may be deemed to have an indirect pecuniary interest as a partner in Cahill, Warnock Strategic Partners, L.P., the general partner of Cahill, Warnock Strategic Partners Fund, L.P., in these shares of Common Stock. Mr. Cahill disclaims beneficial ownership of the shares held by Cahill, Warnock Strategic Partners Fund, L.P., except to the extent of his pecuniary interest in these shares.

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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