MASIMO CORP Form 4 August 05, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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See Instruction

Check this box

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

1(b).

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading CAHILL EDWARD L Issuer Symbol MASIMO CORP [MASI] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction X_ Director (Month/Day/Year) 10% Owner Officer (give title Other (specify C/O CAMDEN PARTNERS 08/05/2008 below) HOLDINGS, LLC, 500 E. PRATT STREET, SUITE 1200 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting BALTIMORE, MD 21202 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 4. Securities Acquired (A) or 5. Amount of 1. Title of 2. Transaction Date 2A. Deemed 6. 7. Nature of Security (Month/Day/Year) Execution Date, if TransactiorDisposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership or Indirect **Following** (Instr. 4) Reported (I) (A) Transaction(s) (Instr. 4) or (Instr. 3 and 4) Price Code V Amount (D) By Cahill, Warnock Common $S^{(1)}$ 08/05/2008 118,469 684,890 I Strategic 39.0364 Stock **Partners** Fund. L.P. (2)

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

42,000

D

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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.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Da	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Derivative Securities		e		Securi	ties	(Instr. 5)	Bene
	Derivative							(Instr.	3 and 4)		Owne
	Security			Acquired							Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration able Date	Title	Or		
						Exercisable			Number		
				C-J- V	(A) (D)				of		
				Code V	(A) (D)				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

X

Signatures

/s/ Chris Parenteau, Attorney-in-Fact

08/05/2008

**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).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted March 13, 2008.
- Mr. Cahill may be deemed to have an indirect pecuniary interest as a partner in Cahill, Warnock Strategic Partners, L.P., the general(2) 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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