

MASIMO CORP  
Form 4  
August 07, 2008

**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 \*  
KIANI JOE E

(Last) (First) (Middle)

C/O MASIMO CORPORATION, 40 PARKER

(Street)

IRVINE, CA 92618

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
MASIMO CORP [MASI]

3. Date of Earliest Transaction (Month/Day/Year)  
08/05/2008

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
CEO and Chairman of the Board

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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 Indirect Beneficial Ownership (Instr. 4)
			Code	V Amount (D) Price			
Common Stock					3,753,040	D	
Common Stock	08/05/2008		S(1)	10,000	\$ 40.0007	I	See Footnote (2)
Common Stock					1,680,000	I	See Footnote (3)
Common Stock					6,689.708	I	See Footnote (4)

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Table with 10 columns: 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), 8. Price of Derivative Security (Instr. 5), 9. Number of Derivative Securities Beneficially Owned (Instr. 3 and 4).

Reporting Owners

Table with columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other). Entry for KIANI JOE E, C/O MASIMO CORPORATION, 40 PARKER IRVINE, CA 92618, CEO and Chairman of the Board.

Signatures

/s/ Mark P. de Raad, Attorney-in-Fact, 08/07/2008, \*\*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 shares covered by this Form 4 have been sold pursuant to a Rule 10b5-1 Sales Plan dated as of May 1, 2008, which is intended to comply with Rule 10b5-1 promulgated under the Securities Exchange Act of 1934, as amended.
(2) Shares held by immediate family member for which Mr. Kiani exercises voting and investment control.
(3) Shares held in two trusts for which Mr. Kiani is the sole trustee.
(4) Between February 15, 2008 and May 13, 2008, Mr. Kiani acquired 6,689,708 shares of Masimo Corporation common stock under the Masimo Retirement Savings Plan. The information in this report is based on a plan statement dated as of May 13, 2008.

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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