MASIMO CORP Form 4 July 14, 2008

FORM 4

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

OMB 3235-0287

OMB APPROVAL

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

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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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

(Print or Type Responses)

1(b).

See Instruction

1. Name and Address of Reporting Person * Moran Stephen M

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

MASIMO CORP [MASI]

(Check all applicable)

(Last)

(Middle) (First)

3. Date of Earliest Transaction

Director 10% Owner

(Month/Day/Year)

C/O MASIMO CORPORATION, 40

07/14/2008

X_ Officer (give title Other (specify below) below)

PARKER

EVP, General Counsel

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

Person

IRVINE, CA 92618

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(Instr. 8) (A)

Following Reported Transaction(s)

(Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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)

1. Title of 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and 7. Title and Amour Derivative Conversion (Month/Day/Year) Execution Date, if Transaction Derivative **Expiration Date Underlying Securit** Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) any

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Derivative Disposed of (D) Security (Instr. 3, 4, and 5) Code V (A) (D) Date Title Expiration Amo Exercisable Date Num Share Nonqualified Common

Α

100,000

(1)

07/14/2018

100

Stock

(Month/Day/Year) (Instr. 8) Acquired (A) or

Reporting Owners

Price of

\$ 35.56

Reporting Owner Name / Address Relationships

07/14/2008

Director 10% Owner Officer Other

Moran Stephen M C/O MASIMO CORPORATION

40 PARKER IRVINE, CA 92618

EVP, General Counsel

Signatures

(Instr. 3)

stock option

(right to buy)

/s/ Mark P. de Raad 07/14/2008

**Signature of Date
Reporting Person

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) This option was granted on July 14, 2008 and is exercisable as the option vests. This option vests over a five-year period, with 20% of the shares subject to the option vesting on each anniversay of the grant date.

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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