MASIMO CORP Form 4 February 11, 2008

FORM 4

subject to

Section 16.

Form 4 or

obligations

may continue.

Form 5

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

Check this box if no longer

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

See Instruction 1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Fishel Rick

2. Issuer Name and Ticker or Trading

Symbol

MASIMO CORP [MASI]

3. Date of Earliest Transaction

(Month/Day/Year) 02/07/2008

C/O MASIMO CORPORATION, 40 PARKER

(Street)

(State)

(First)

4. If Amendment, Date Original

Filed(Month/Day/Year)

3.

(Zip)

(Middle)

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

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) (Instr. 3)

IRVINE, CA 92618

(City)

Execution Date, if (Month/Day/Year)

TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

4. Securities

5. Amount of Securities Beneficially Owned Following Reported

Issuer

below)

Person

Director

Applicable Line)

X_ Officer (give title

Form: Direct (D) or Indirect Beneficial (T) (Instr. 4)

6. Ownership

7. Nature of Indirect Ownership (Instr. 4)

10% Owner

Other (specify

OMB APPROVAL

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January 31,

2005

0.5

OMB

Number:

Expires:

response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

President of Masimo Americas

6. Individual or Joint/Group Filing(Check

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

below)

Estimated average

burden hours per

Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

(A)

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 Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

4. 5. Number of Transaction Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amoun Underlying Securiti (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) or Disposed of Security (D) (Instr. 3, 4, and 5)

Code V (A) (D) Date Expiration

Non-qualified stock option \$ 30.79 02/07/2008 A 30,000 (1) 02/07/2018 Common 30,00

Title

Stock

Exercisable Date

Amou

or Numl

(right to buy)

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Fishel Rick President of
C/O MASIMO CORPORATION, 40 PARKER Masimo
IRVINE, CA 92618 Americas

Signatures

/s/Christopher Kilpatrick,
Attorney-in-Fact
02/11/2008

**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) This option was granted on February 7, 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 anniversary 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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