

Fishel Rick  
 Form 5/A  
 February 10, 2012

# FORM 5

**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).  
 Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL 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

1. Name and Address of Reporting Person \*  
 Fishel Rick  
 (Last) (First) (Middle)

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

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 President Americas & WW OEM Bus

C/O MASIMO CORPORATION, 40 PARKER  
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 01/01/2011

4. If Amendment, Date Original Filed (Month/Day/Year)  
 02/14/2011

6. Individual or Joint/Group Reporting  
 (check applicable line)

IRVINE, CA 92618  
 (City) (State) (Zip)

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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock	12/16/2010		J <sup>(1)</sup>	15,000	D	D	

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)**

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Table with 9 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. Amount or Number of Shares.

Reporting Owners

Table with 2 main columns: Reporting Owner Name / Address and Relationships. Relationships sub-columns: Director, 10% Owner, Officer, Other. Entry: Fishel Rick, C/O MASIMO CORPORATION, 40 PARKER IRVINE, CA 92618. Relationships: President Americas & WW OEM Bus.

Signatures

/s/Mark P. de Raad, Attorney-In-Fact, 02/10/2012. \*\*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) Since the date of the reporting person's last ownership report, pursuant to a domestic relations order (the "Domestic Relations Order"), the reporting person transferred an aggregate of 15,000 shares of Masimo common stock (the "Shares"), at the sole direction, and for the sole benefit, of the reporting person's former spouse. This transaction did not result in an acquisition of beneficial ownership by the reporting person. This transaction was inadvertently omitted from the reporting person's initial Form 5.
Note: File three copies of this Form, one of which must be manually signed. If space provided 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.