

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 *			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer
Fishel Rick			MASIMO CORP [MASI]	(Check all applicable)
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)	<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner
C/O MASIMO CORPORATION, 40 PARKER			01/01/2011	<input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	President Americas& WW OEM Bus
IRVINE, CA 92618			02/14/2011	6. Individual or Joint/Group Reporting (check applicable line)
(City)	(State)	(Zip)	<input type="checkbox"/> Form Filed by One Reporting Person	
			<input type="checkbox"/> 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	Â	J ⁽¹⁾	15,000 ^(A) or _(D)	\$ ⁽¹⁾ 15,000	D	Â

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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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. of D S B O E I F (I
						Date Exercisable (A)	Expiration Date (D)	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Fishel Rick C/O MASIMO CORPORATION, 40 PARKER IRVINE, CA 92618	Â	Â	Â	President Americas& WW OEM Bus

Signatures

/s/Mark P. de Raad,
 Attorney-In-Fact
 **Signature of Reporting Person
 Date 02/10/2012

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.