

Paul Stephen E.  
Form 4  
May 04, 2011

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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 \*  
Paul Stephen E.

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
C/O MASIMO CORPORATION, 40 PARKER

3. Date of Earliest Transaction (Month/Day/Year)  
05/02/2011

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)

EVP, Acute Care Sales

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting 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 (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 Ownership (Instr. 4)	
				(A) or (D)	Price			
Common Stock	05/02/2011		S <sup>(1)</sup>	9,000	D	\$ 35	0	D
Common Stock	05/02/2011		M <sup>(1)</sup>	1,000	A	\$ 24.68	9,000	D
Common Stock	05/02/2011		M <sup>(1)</sup>	2,000	A	\$ 23.14	8,000	D
Common Stock	05/02/2011		M <sup>(1)</sup>	6,000	A	\$ 28.5	6,000	D

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

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SEC 1474  
(9-02)

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

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)	Amount or Number of Shares
Non-Qualified Stock Option (Right to buy)	\$ 24.68	05/02/2011		M <sup>(1)</sup>	1,000	<sup>(2)</sup> 08/17/2019	Common Stock	1,000
Non-Qualified Stock Option (Right to buy)	\$ 23.14	05/02/2011		M <sup>(1)</sup>	2,000	<sup>(3)</sup> 03/04/2019	Common Stock	2,000
Non-Qualified Stock Option (Right to buy)	\$ 28.5	05/02/2011		M <sup>(1)</sup>	6,000	<sup>(4)</sup> 03/17/2018	Common Stock	6,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Paul Stephen E. C/O MASIMO CORPORATION 40 PARKER IRVINE, CA 92618			EVP, Acute Care Sales	

## Signatures

/s/Mark P. de Raad  
05/04/2011

\*\*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 December 17, 2010, which is intended to comply with Rule 10b5-1 promulgated under the Securities Exchange Act of 1934, as amended.

(2) This option was granted on August 17, 2009 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.

(3) This option was granted on March 4, 2009 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.

(4) This option was granted on March 17, 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.

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