MASIMO CORP

Form 4

September 29, 2016

Section 16.

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES**

OMB APPROVAL

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Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * KIANI JOE 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)	3. Date of Earliest Transaction	(Cheek an applicable)		
C/O MASIMO CORPORATION, 52 DISCOVERY		ATION, 52	(Month/Day/Year) 09/27/2016	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) CEO and Chairman of the Board		
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
IRVINE, CA 92618				Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acc	quired, Disposed of, or Beneficially Owned		

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi or Dispo- (Instr. 3,	sed of	` ′	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/27/2016		M	4,464	A	\$ 15.4	123,705	D	
Common Stock	09/27/2016		S <u>(1)</u>	4,464	D	\$ 60.0084 (2)	119,241	D	
Common Stock							10,373	I	See Footnote (3)
Common Stock							2,550,291	I	By Trust
							1,079,290	I	

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Common Stock			By Trust (5)
Common Stock	352,919	I	By Trust (5)
Common Stock	359,000	I	By Trust (5)
Common Stock	9,000	I	See Footnote (6)

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

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(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. Transactic Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and 4	eci
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	or No of Sh
Non-Qualified Stock Option (Right to Buy)	\$ 15.4	09/27/2016		M	4,464	05/24/2008(7)	05/24/2017	Common Stock	۷

Reporting Owners

Reporting Owner Name / Address	Keiauonsnips				
	Director	10% Owner	Officer	Other	
KIANI JOE E C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618	X		CEO and Chairman of the Board		

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Signatures

/s/ David J. Van Ramshorst, Attorney-In-Fact

09/29/2016

**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 were sold pursuant to a Rule 10b5-1 Sales Plan dated as of June 17, 2016, which is intended to comply with Rule 10b5-1 promulgated under the Securities Exchange Act of 1934, as amended.
- The price reported in Column 4 represents the weighted average sale price per share. The actual sale prices ranged from a low of \$60.00 (2) per share to a high of \$60.05 per share. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.
- (3) Shares held in Masimo Retirement Savings Plan.
- (4) Shares held in one trust for which Mr. Kiani is the sole trustee.
- (5) Shares held in three trusts for which Mr. Kiani is not the trustee.
- (6) Shares held by an immediate family member for which Mr. Kiani exercises voting and investment control.
- (7) This option was granted on May 24, 2007 and is exercisable as the option vested. This option vested 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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