MASIMO CORP Form 4 June 03, 2016

FORM 4

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

OMB APPROVAL OMB

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may continue.

See Instruction

Check this box

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

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	(Check an applicable)			
			(Month/Day/Year)	X Director 10% Owner			
C/O MASIMO CORPORATION, 52 DISCOVERY		ATION, 52	06/01/2016	_X_ Officer (give title Other (specify below) below) CEO and Chairman of the Board			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
IRVINE, CA 92618			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(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)	Code (Instr. 8)	orDisposed o (Instr. 3, 4	f (D) and 5) (A) or		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	06/01/2016		Code V $S_{(1)}^{(1)}$	Amount 105,444	(D)	Price \$ 50.0837	313,797	D	
Common Stock	06/02/2016		S <u>(1)</u>	120,328	D	\$ 50.1059	193,469	D	
Common Stock	06/03/2016		S <u>(1)</u>	9,180	D	\$ 50.0011	184,289	D	
Common Stock							10,373	I	See Footnote (2)
Common Stock							2,550,291	I	By Trust

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Common Stock	1,079,290	I	By Trust
Common Stock	352,919	I	By Trust
Common Stock	359,000	I	By Trust
Common Stock	9,000	I	See Footnote (5)

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

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(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Title	e and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired			•		
	Ĭ				(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
					.,					
									Amount	
						Date	Expiration		or	
						Exercisable	Date	Title	Number	
						LACICISAUIC	Date		of	
				Code V	(A) (D)				Shares	

Reporting Owners

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

/s/ David J. Van Ramshorst,
Attorney-In-Fact
06/03/2016

**Signature of Reporting Person Date

Reporting Owners 2

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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 5, 2015, which is intended to comply with Rule 10b5-1 promulgated under the Securities Exchange Act of 1934, as amended.
- (2) Shares held in Masimo Retirement Savings Plan.
- (3) Shares held in one trust for which Mr. Kiani is the sole trustee.
- (4) Shares held in three trusts for which Mr. Kiani is not the trustee.
- (5) Shares held by an immediate family member for which Mr. Kiani exercises voting and investment control.

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.