MASIMO CORP Form 4 April 21, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * FITCH SANFORD			2. Issuer Name and Ticker or Trading Symbol MASIMO CORP [MASI]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First) (M	Middle) 3.	Date of Earliest Tr	ansaction			(Clicc	ж ан аррисаогс	·)
			(Month/Day/Year) 04/20/2017				X Director Officer (give below)		Owner er (specify
	(Street)	4.	If Amendment, Da	te Origina	l		6. Individual or Jo	oint/Group Filin	g(Check
	Filed(Month/Day/Year)					Applicable Line)			
IRVINE, CA 92618			_X_ Form filed by One Form filed by Mor Person				ne Reporting Person ore than One Reporting		
(City)	(State)	(Zip)	Table I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Da any (Month/Day/	Date, if Transaction Code	(Instr. 3,	ispose 4 and (A) or	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	
Common Stock	04/20/2017		M	3,249	A	\$ 97.39	83,249	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)

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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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4,		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Number of Shares
Restricted Stock Units	\$ 0 (1)	04/20/2017		M	3,249	04/20/2017(2)	04/20/2026	Common Stock	3,249

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
FITCH SANFORD C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618	X					
o : .						

Signatures

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

04/21/2017

**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) Each restricted stock unit (RSU) represents the contingent right to receive one share of common stock of the Issuer upon vesting of the RSU.
- (2) These RSUs were granted on April 20, 2016 and are exercisable as they vest. These RSUs vest on the earlier of the one-year anniversary of the date of grant or the date of the next annual meeting of stockholders.

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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