MASIMO CORP Form 4 April 26, 2017

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

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

January 31, Expires: 2005

0.5

Form 5 obligations may continue. STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF Estimated average **SECURITIES** burden hours per response...

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)

See Instruction

1. Name and Add McClenahan	-	_	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			MASIMO CORP [MASI]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
			(Month/Day/Year)	Director 10% Owner			
C/O MASIMO CORPORATION, 52 DISCOVERY (Street)			04/24/2017	X_ Officer (give title Other (specification) EVP & GENERAL COUNSEL			
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	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 Acq	quired, Disposed of, or Beneficially Owned			

(City)	(State)	Tabl	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. Transactio Code (Instr. 8)	4. Securities Acquired ior(A) or Disposed of (D) (Instr. 3, 4 and 5)			Beneficially Form Owned (D) Following India	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Ownership Indirect Form: Direct Beneficial D) or Ownership ndirect (I) (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(2115021-1)	
Common Stock	04/24/2017		M	10,000	A	\$ 28.03	10,000	D	
Common Stock	04/24/2017		S(1)	10,000	D	\$ 98.75	0	D	

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)

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 orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ar Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title [
Non-Qualified Stock Option (Right to Buy)	\$ 28.03	04/24/2017		M	10,000	02/18/2015(2)	02/18/2024	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

McClenahan Thomas Samuel C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618

EVP & GENERAL COUNSEL

Signatures

/s/ David J. Van Ramshorst,
Attorney-In-Fact
04/26/2017

**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) The shares covered by this Form 4 were exercised and sold pursuant to a Rule 10b5-1 Sales Plan dated as of March 15, 2017, 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 February 18, 2014 was exercisable as the option vested. The 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. 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.

Reporting Owners 2