MASIMO CORP
Form 4
April 26, 2017

FORM 4

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

OMB APPROVAL

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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 *
Barker Steven

(Last) (First) (Middle)

C/O MASIMO CORPORATION, 52 DISCOVERY

(Street)

IRVINE, CA 92618

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
04/25/2017

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director _____ 10% Owner
_____ Officer (give title below) _____ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/25/2017		M		10,000	A	$ 23.98	73,249	D	
Common Stock	04/25/2017		S(1)		10,000	D	$ 100	63,249	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. 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 Am Underlying Se (Instr. 3 and 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Non-Qualified Stock Option (Right to Buy)	$ 23.98	04/25/2017		M			10,000	01/11/2010(2)	01/11/2019	Common Stock

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Barker Steven C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618	X			

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 10, 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 January 11, 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.

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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