Fishel Rick Form 4 July 18, 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

Estimated average burden hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Fishel Rick			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			
C/O MASIMO CORPORATION, 52 DISCOVERY			(Month/Day/Year) 07/14/2017	Director 10% Owner X Officer (give title Other (specify below) Pres, WW OEM Business		
	(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)	(Zin)				

(City)	(State)	Tabl	e I - Non-D	erivative (Securi	ties Acqu	iired, Disposed of	f, or Beneficiall	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ies Ac	quired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Di	sposed	of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and 5	5)	Beneficially	Form: Direct	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(4)		Reported	(Instr. 4)	
					(A)		Transaction(s)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	07/14/2017		M	15,000	A	\$ 20.19	35,022	D	
Common Stock	07/14/2017		S <u>(1)</u>	15,000	D	\$ 94.85	20,022	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 An Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title [
Non-Qualified Stock Option (Right to Buy)	\$ 20.19	07/14/2017		M	15,000	10/27/2012(2)	10/27/2021	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Fishel Rick C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618

Pres, WW OEM Business...

Signatures

/s/ David J. Van Ramshorst,
Attorney-In-Fact
07/18/2017

**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 June 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 October 27, 2011 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. 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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