Mikkelson Adam Form 4 June 01, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Expires:

January 31, 2005

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OMB APPROVAL

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if no longer subject to Section 16. Form 4 or Form 5 obligations

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 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

may continue.

1. Name and Address of Reporting Person * Mikkelson Adam			2. Issuer Name and Ticker or Trading Symbol				ng	5. Relationship of Reporting Person(s) to Issuer		
			MASIMO CORP [MASI]					(Check all applicable)		
(Last)	(First) (1	Middle)	3. Date of	Earliest Tra	ansaction					
			(Month/Day/Year) 05/31/2018					X Director Officer (give below)		Owner er (specify
	(Street)		4. If Ame	ndment, Da	te Origina	1		6. Individual or Jo	oint/Group Filin	g(Check
Fil 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)	Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any		3. Transaction Code (Instr. 8)	4. Securi on(A) or Do (Instr. 3,	ispose	d of (D) 5) Price	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 Shares	05/31/2018			M	1,583	A	\$ 99.05	1,583	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)

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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. Transactio Code (Instr. 8)	5. Numb orDerivation Securities Acquired Disposed (Instr. 3, 5)	ve es d (A) or d of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am or Num of Sha
Restricted Stock Units	(1)	05/31/2018		M		1,583	05/31/2018(2)	06/01/2027	Common Stock	1,
Restricted Stock Units	(1)	05/31/2018		A	1,413		<u>(3)</u>	05/31/2028	Common Stock	1,

Reporting Owners

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

Signatures

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

**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 June 1, 2017 and vested in full on May 31, 2018, the date of the next annual meeting of stockholders following the date of the grant.
- (3) These RSUs were granted on May 31, 2018 and will vest in full on the earlier of the first anniversary of the grant date or the date of the next annual meeting of stockholders following the date of the grant.

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