Barker Steve Form 4	en									
February 21	, 2019									
FORM	14							OMB AF	PROVAL	
	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549							OMB Number:	3235-0287	
Check th if no long	70 r							Expires:	January 31, 2005	
subject to Section 1 Form 4 c	51AIEM 16.	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES							Estimated average burden hours per	
Form 4 or Form 5 obligations may continue. See Instruction 1(b). 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								0.5		
(Print or Type	Responses)									
Barker Steven Syn MA			2. Issuer Name and Ticker or Trading Symbol MASIMO CORP [MASI]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
C/O MASII DISCOVEF	2019				Officer (give titleOther (specify below)					
			f Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
						One Reporting Person				
IRVINE, C.	A 92618						Form filed by M Person	lore than One Re	porting	
(City)	(State) (2	Zip) Ta	ble I - Non-l	Derivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, i any (Month/Day/Yea	n Date, if Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)			d of (D)	Securities Beneficially Owned	Indirect (I) C		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	02/19/2019		М	4,123	А	\$ 30.06	68,955	D		
Common Stock	02/19/2019		S <u>(1)</u>	4,123	D	\$ 130	64,832	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. Transactio Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and Ame Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Ai or Ni of Sh
Non-Qualified Stock Option (Right to Buy)	\$ 30.06	02/19/2019		М	4,123	02/22/2012 <u>(2)</u>	02/22/2021	Common Stock	4

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner Office		Other			
Barker Steven C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618	Х						
Signatures							
/s/ David J. Van Ramshorst, Attorney-In-Fact	02/21/2019						
**Signature of Reporting Person		D	ate				
Evelopetion of Deer							

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 November 5, 2018, 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 22, 2011 and is exercisable as the option vests. The option vested 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.