MASIMO CORP			
Form 3			
February 24, 2015			
FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION		OMB APPROVAL	
	Washington, D.C. 20549	OMB Number:	3235-0104
	INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES	Expires:	January 31, 2005
		Estimated a burden hou	

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)

MACINO CODD

1. Name and Address of Reporting Person <u>*</u> Van Ramshorst David J		2. Date of Event Requiring Statement (Month/Day/Year)	^g 3. Issuer Name and Ticker or Trading Symbol MASIMO CORP [MASI]					
(Last)	(First)	(Middle)	02/20/2015	4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)	
C/O MASIN CORPORA DISCOVEF	TION, 52	2			(Check all applicable) Director 10% Owner Officer Other		6. Individual or Joint/Group	
				(give title below) (specify below) Chief Accounting Officer		Filing(Check Applicable Line) _X_ Form filed by One Reporting Person		
IRVINE,Â	CAA 9261	8					Form filed by More than One Reporting Person	
(City)	(State)	(Zip)	Table I - I	Non-Deriva	tive Securit	ies Be	neficially Owned	
1.Title of Secu (Instr. 4)	rity		2. Amount of Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		ture of Indirect Beneficial ership . 5)	
Common St	ock		1,000		D	Â		
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)					2)			
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Indirect Beneficial
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	Ownership
		(Instr. 4)	Price of	Derivative	(Instr. 5)
			Derivative	Security:	

0.5

response...

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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Non-Qualified Stock Option (Right to Buy)	12/30/2014 <u>(1)</u>	12/30/2023	Common Stock	30,000	\$ 29.33	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships						
I G G G G G G G G G G G G G G G G G G G	Director	10% Owner	Officer	Other			
Van Ramshorst David J C/O MASIMO CORPORATION 52 DISCOVERY IRVINE, CA 92618	Â	Â	Chief Accounting Officer	Â			
Signatures							
/s/ Mark P. de Raad, Attorney-In-Fact	0	2/24/2015					

Date

**Signature of Reporting Person

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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) This option was granted on December 30, 2013 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.