Coleman Jor Form 5											
February 10,								OMB A	PPROVAL		
		RITIES AND EXCHANGE COMMISSIO				OMMISSION	OMB Number:	3235-0362			
Check this no longer	shington, D.C. 20549				Expires:	January 31, 2005					
to Section 16. Form 4 or Form ANNUAL STATEM			ENT OF CHANGES IN BENEFICIAL RSHIP OF SECURITIES					Estimated average burden hours per response 1.0			
1(b). Form 3 He Reported Form 4 Transactic Reported	oldings Section 17(a	(uant to Section 1 a) of the Public U 30(h) of the Ir	tility Holdin	g Compa	any A	ct of	1935 or Sectio	n			
Coleman Jon Symbol			-				5. Relationship of Reporting Person(s) to Issuer				
(Month/I			tatement for Issuer's Fiscal Year Ended onth/Day/Year) 31/2011				(Check all applicable) <u></u> Director <u></u> Officer (give title <u></u> 10% Owner <u></u> Other (specify below)				
	TION, 40 PARK	KER					Pres -WW S	Sales,Mkt & Cl	in Rsch		
	endment, Date Original 6. Indi nth/Day/Year)					idual or Joint/Group Reporting (check applicable line)					
								11	, 		
IRVINE, (CAÂ 92618						_X_ Form Filed by Form Filed by I Person	One Reporting P More than One R			
(City)	(State) (Zip) Tab	le I - Non-Deri	ivative Sec	curitie	s Acqu	iired, Disposed of	f, or Beneficial	lly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (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 at end of Issuer's	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Amount	(A) or (D)	Price	Fiscal Year (Instr. 3 and 4)	(11547-1)			
Common Stock	12/31/2011 <u>(1)</u>	Â	М	8	А	\$ <u>(1)</u>	336	I	See Footnote (1)		
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.			Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.					SEC 2270 (9-02)			

 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)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. of D S B O E I S F I S F i (I
				(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
Coleman Jon C/O MASIMO CORPORATION 40 PARKER IRVINE, CA 92618	Â	Â	Pres -WW Sales,Mkt & Clin Rsch	Â				
Signatures								
/s/ Mark P. de Raad, Attorney-In-Fact	02/10/2012							
**Signature of Reporting Person		Date						
Explanation of Pac	none	001						

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) Between October 28, 2011 and December 31, 2011, Mr. Coleman acquired 8 shares of Masimo Corporation common stock at various prices under the Masimo Retirement Savings Plan. The information in this report is based on a plan statement dated December 31, 2011.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.