

MASIMO CORP
Form 4
August 13, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2005
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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)

1. Name and Address of Reporting Person *
LASERSOHN JACK W

(Last) (First) (Middle)

C/O MASIMO CORPORATION, 40 PARKER

(Street)

IRVINE, CA 92618

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
MASIMO CORP [MASI]

3. Date of Earliest Transaction (Month/Day/Year)
08/13/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)		
			Code	V	Amount	(A) or (D)	Price		
Common Stock	08/13/2007		C		198,087	A	<u>(1)</u> 198,087	I	By Vertical Fund II, L.P. <u>(2)</u>
Common Stock	08/13/2007		C		305,262	A	<u>(1)</u> 305,262	I	By Vertical Fund I, L.P. <u>(2)</u>
Common Stock	08/13/2007		C		446,250	A	<u>(1)</u> 446,250	I	By The Vertical Group, Inc. <u>(2)</u>

Common Stock 120,600 D

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 1474 (9-02)

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Series C Preferred Stock	(1)	08/13/2007		C	62,252	(1) (1)	Common Stock	186,756 (3)
Series C Preferred Stock	(1)	08/13/2007		C	95,746	(1) (1)	Common Stock	287,238 (3)
Series C Preferred Stock	(1)	08/13/2007		C	148,750	(1) (1)	Common Stock	446,250 (3)
Series F Preferred Stock	(1)	08/13/2007		C	3,777	(1) (1)	Common Stock	11,331 (3)
Series F Preferred Stock	(1)	08/13/2007		C	6,008	(1) (1)	Common Stock	18,024 (3)

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

