

Jansen Paul  
Form 3  
April 23, 2008

# FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB  
Number: 3235-0104  
Expires: January 31,  
2005  
Estimated average  
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## INITIAL STATEMENT OF 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 \*

Â Jansen Paul

(Last)

(First)

(Middle)

2. Date of Event Requiring  
Statement

(Month/Day/Year)

04/17/2008

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

4. Relationship of Reporting  
Person(s) to Issuer

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

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_X\_ Officer \_\_\_\_ Other  
(give title below) (specify below)  
Executive VP, Marketing

6. Individual or Joint/Group  
Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting  
Person  
\_\_\_\_ Form filed by More than One  
Reporting Person

C/O MASIMO CORPORATION  
40 PARKER

(Street)

IRVINE,Â CAÂ 92618

(City)

(State)

(Zip)

### Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security  
(Instr. 4)

2. Amount of Securities  
Beneficially Owned  
(Instr. 4)

3. Ownership  
Form:  
Direct (D)  
or Indirect  
(I)  
(Instr. 5)

4. Nature of Indirect Beneficial  
Ownership  
(Instr. 5)

Reminder: Report on a separate line for each class of securities beneficially  
owned directly or indirectly.

SEC 1473 (7-02)

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information contained in this form are not  
required to respond unless the form displays a  
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### Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security  
(Instr. 4)

2. Date Exercisable and  
Expiration Date  
(Month/Day/Year)

Date  
Exercisable

Expiration  
Date

3. Title and Amount of  
Securities Underlying  
Derivative Security  
(Instr. 4)

Title

Amount or  
Number of  
Shares

4. Conversion  
or Exercise  
Price of  
Derivative  
Security

5. Ownership  
Form of  
Derivative  
Security:  
Direct (D)  
or Indirect  
(I)

6. Nature of Indirect  
Beneficial  
Ownership  
(Instr. 5)

(Instr. 5)

Non-qualified stock option (right to buy)	Â (1)	01/10/2018	Common Stock	15,000	\$ 35.25	D	Â
Non-qualified stock option (right to buy)	Â (2)	04/17/2018	Common Stock	85,000	\$ 25.46	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Jansen Paul C/O MASIMO CORPORATION 40 PARKER IRVINE,Â CAÂ 92618	Â	Â	Â Executive VP, Marketing	Â

## Signatures

/s/ Mark P. de Raad,  
Attorney-in-Fact

04/23/2008

\_\_Signature of Reporting Person

Date

## 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 January 10, 2008 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.
- (2) This option was granted on April 17, 2008 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.

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