MASIMO CORP Form 8-K August 27, 2008

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 27, 2008

MASIMO CORPORATION

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of

001-33642 (Commission File Number) 33-0368882 (IRS Employer

incorporation)

Identification No.)

40 Parker

Irvine, California (Address of principal executive offices)

92618 (Zip Code)

Registrant s telephone number, including area code: (949) 297-7000

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2 (b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01. Other Events.

On August 27, 2008, Masimo Corporation announced that it settled pending litigation brought by Shaklee Corporation and NIR Diagnostics, Inc. against Masimo.

A copy of Masimo s press release regarding this settlement is attached hereto as Exhibit 99.1 and incorporated herein by this reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No. Description

99.1 Press Release, dated August 27, 2008, issued by Masimo Corporation.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, Masimo Corporation has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: August 27, 2008

MASIMO CORPORATION a Delaware corporation

By: /s/ Mark P. de Raad Mark P. de Raad

Executive Vice President & Chief Financial Officer (Principal Financial and Accounting Officer)

EXHIBIT INDEX

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