

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 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) May 16, 2007

IRIDEX CORPORATION

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation)

0-27598

(Commission File Number)

77-0210467

(IRS Employer
Identification No.)

**1212 Terra Bella Avenue
Mountain View, California 94043**

(Address of principal executive offices, including zip code)

(650) 940-4700

(Registrant's telephone number, including area code)

(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 (see General Instruction A.2. below):

- 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))
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Item 3.01. Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing.

On May 16, 2007, IRIDEX Corporation (“Iridex” or the “Company”) received a written Staff Determination notice from the Nasdaq Stock Market, stating that Iridex is not in compliance with Nasdaq Marketplace Rule 4310(c)(14). This notice was received because the Company has not filed its Quarterly Report on Form 10-Q for the period ended March 31, 2007 (the “1st Quarter Form 10-Q”). The Company issued a press release on May 18, 2007 disclosing its receipt of this Nasdaq Staff Determination notice. A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated by reference herein.

The Nasdaq Staff Determination notice indicated that the Company’s securities will be delisted from the Nasdaq Global Market unless Iridex requests a hearing before a Nasdaq Listing Qualifications Panel (the “Panel”). Accordingly, the Company announced on May 21, 2007 that it will request a hearing before the Panel to review the Nasdaq Staff Determination notice. Pending a decision by the Panel, Iridex’s common stock will remain listed on the NASDAQ Stock Market. However, there can be no assurance that the Panel will grant the Company’s request for continued listing.

As previously announced the Company is still working to obtain financial information related to the Company’s acquisition of the aesthetics business of Laserscope, a California corporation, a wholly owned subsidiary of American Medical Systems, Inc., a Delaware corporation, which was completed on January 16, 2007. The information is necessary to allow the Company to properly account for the acquisition and to make the appropriate financial statement disclosures, including providing pro forma financial information. The Company previously disclosed in its filing on Form 12b-25 dated May 16, 2007, that it would not be able to file its 1st Quarter Form 10-Q until it obtains and processes this information. The Company will make every effort to file its 1st Quarter Form 10-Q as soon as practicable after it receives the necessary information.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

99.1 Press release dated May 18, 2007.

SIGNATURES

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

IRIDEX CORPORATION

By: /s/ MERYL RAINS

Meryl Rains

Vice President and Chief Financial Officer

Date: **May 18, 2007**

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99.1 Press release dated May 18, 2007.

FOR IMMEDIATE RELEASEContact: Meryl Rains
Chief Financial Officer
650 940-4700May 18, 2006
Mountain View, California**IRIDEX CORPORATION TO REQUEST NASDAQ HEARING REGARDING STOCK LISTING*****Company Receives Routine Notification after Missing 10-Q Filing Date***

IRIDEX Corporation (NASDAQ: IRIX) today reported that it plans to request a hearing before the NASDAQ Listing Qualifications Panel following the receipt of the expected NASDAQ Staff Determination notice stating that the Company is not in compliance with Nasdaq Marketplace Rule 4310(c)(14). This notice was received because the Company was not timely in filing its Quarterly Report on Form 10-Q for the period ended March 31, 2007, (the "Quarterly Report on Form 10-Q").

The required Nasdaq Staff Determination notice indicated that the Company's securities will be delisted from the Nasdaq Global Market unless IRIDEX requests a hearing before a Nasdaq Listing Qualifications Panel (the "Panel"). Accordingly, the Company is announcing today that it is requesting such hearing before the Panel to review the Nasdaq Staff Determination notice. Pending a decision by the Panel, IRIDEX's common stock will remain listed on the NASDAQ Stock Market. However, there can be no assurance that the Panel will grant the Company's request for continued listing.

As previously announced the Company is still obtaining financial information related to the Company's acquisition of the aesthetics business of Laserscope, a California corporation, a wholly owned subsidiary of American Medical Systems, Inc., a Delaware corporation, which was completed on January 16, 2007. The information is necessary to allow the Company to properly account for the acquisition and to make the appropriate financial statement disclosures, including providing pro forma financial information. The Company previously disclosed in its filing on Form 12b-25 dated May 16, 2007, that it would be unable to file its Quarterly Report on Form 10-Q until it obtains and processes this information. The Company will make every effort to file its Quarterly Report on Form 10-Q as soon as practicable after it receives the necessary information.

About IRIDEX

IRIDEX Corporation is a leading worldwide provider of therapeutic based laser systems, disposable laser probes and delivery devices to treat eye diseases in ophthalmology and skin diseases in dermatology markets (also referred to as aesthetics). IRIDEX products are sold in the United States through a direct sales force and internationally through a network of 77 independent distributors into 107 countries. For further information, visit the Company's website at www.iredex.com.

Safe Harbor Statement

This announcement contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Act of 1934, as amended, relating to the Company's plans to request a hearing before a Nasdaq Listing Qualifications Panel, whether the Nasdaq Listing Qualifications Panel will grant the Company's request for continued listing, the Audit Committee's review and analysis, and the filing of our Quarterly Report on Form 10-Q. Such forward-looking statements are based on current expectations, estimates and projections, management's beliefs, and certain assumptions made by the Company's management, and there can be no assurance concerning the outcome of the hearing request, the Audit Committee's review and analysis or the filing of our Quarterly Report on Form 10-Q. Actual results may differ materially. Additional risks and uncertainties to which the Company is

subject may include, but may not necessarily be limited to, the amount of orders that the Company receives and ships, dependence on international sales and the Company's network of independent distributors, the risks associated with bringing new products to market, and the results of clinical trials and competition in our markets, as well as the risks associated with a competitive market for management talent and the risks inherent with identifying, negotiating and integrating strategic acquisitions of complementary businesses, products or technologies. Please see a detailed description of these risks contained in our Quarterly Reports on Form 10-Q and Annual Report on Form 10-K for the fiscal year ended December 30, 2006 filed with the Securities and Exchange Commission. Forward-looking statements contained in this announcement are made as of this date and will not be updated.