SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT Under The Securities Act of 1933

IRIDEX CORPORATION

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization) 77-0210467 (I.R.S. Employer Identification Number)

1212 Terra Bella Avenue Mountain View, California 94043 (650) 940-4700

(Address, including zip code, and telephone number, including area code, of Registrant's principal executive offices)

1998 STOCK PLAN
STAND-ALONE STOCK OPTION AGREEMENTS WITH LASERSCOPE EMPLOYEES
STAND-ALONE STOCK OPTION AGREEMENT WITH MERYL RAINS
(Full title of the plans)

Theodore A. Boutacoff
President and Chief Executive Officer
1212 Terra Bella Avenue
Mountain View, California 94043
(Name and address of agent for service)

(650) 940-4700 (Telephone number, including area code, of agent for service)

Copies to:

David J. Segre, Esq.
Wilson Sonsini Goodrich & Rosati
Professional Corporation
650 Page Mill Road
Palo Alto, CA 94304-1050
(650) 493-9300

CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount to be Registered(1)	Proposed Maximum Offering Price Per Share	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee(2)
Common Stock, \$0.01 par value per share, to be issued upon exercise of options granted under the 1998 Stock Plan (the "Plan")	100,000 shares(3)	\$2.64(4)	\$264,000	\$8.10
Common Stock, \$0.01 par value per share to be issued upon exercise of options granted under the Stand-Alone Stock Option Agreements with Laserscope Employees	119,000 shares(3)	\$10.06	\$1,197,140	\$36.75
Common Stock, \$0.01 par value per share, to be issued upon exercise of options granted under the Stand-Alone Option Agreement with Meryl Rains	50,000 shares(3)	\$9.42	\$471,000	\$14.46

TOTAL	269,000 shares	\$1,932,140	\$59.32

- (1) This Registration Statement shall also cover any additional shares of the Registrant's Common Stock that become issuable by reason of any dividend, stock split, reorganization or other similar transaction effected without receipt of consideration that increases the number of shares of the Registrant's Common Stock outstanding.
- (2) Amount of registration fee was calculated pursuant to Section 6(b) of Securities Act of 1933, as amended (the "Securities Act"), which provides that the fee shall be \$30.70 per \$1,000,000 of the proposed maximum aggregate offering price of the securities proposed to be registered.
- (3) Amount of securities to be registered computed in accordance with Rule 457(h) promulgated under the Securities Act, as the maximum number of the Registrant's Common Stock issuable under the 1998 Stock Plan, the Stand-Alone Stock Option Agreements with Laserscope Employees and the Stand-Alone Stock Option Agreement with Meryl Rains covered by this Registration Statement.
- (4) Estimated in accordance with Rule 457(h) promulgated under the Securities Act solely for the purpose of calculating the amount of registration fee based on the price of \$2.64 per share, which was the average of the high and low prices as reported in the Nasdaq Global Market on December 4, 2007.

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IRIDEX CORPORATION REGISTRATION STATEMENT ON FORM S-8

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

Item 1. Plan Information.

The documents containing the information specified in this Item 1 will be sent or given to employees, officers, directors or others as specified by Rule 428(b)(1) under the Securities Act. In accordance with the rules and regulations of the Securities and Exchange Commission (the "Commission") and the instructions to Form S-8, such documents are not being filed with the Commission either as part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424 under the Securities Act.

Item 2. Registrant Information and Employee Plan Annual Information.

The documents containing the information specified in this Item 2 will be sent or given to employees, officers, directors or others as specified by Rule 428(b)(1) under the Securities Act. In accordance with the rules and regulations of the Commission and the instructions to Form S-8, such documents are not being filed with the Commission either as part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424 under the Securities Act.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

There are hereby incorporated by reference in this Registration Statement the following documents and information previously filed by the Registrant with the Commission:

- 1. The Registrant's Annual Report on Form 10-K for the fiscal year ended December 30, 2006, filed with the Commission on March 30, 2007, pursuant to Section 13 of the Securities Exchange Act of 1934, as amended (the "Exchange Act");
- 2. The Registrant's Quarterly Reports on Form 10-Q filed with the Commission, pursuant to Section 13 of the Exchange Act, for the fiscal quarters ended March 31, 2007, June 30, 2007 and September 29, 2007 as filed on July 9, 2007, August 14, 2007 and November 19, 2007 respectively;
- 3. The Registrant's Current Reports on Form 8-K and Form 8-K/A filed with the Commission pursuant to Section 13 of the Exchange Act on January 22, 2007, February 9, 2007, April 12, 2007, April 24, 2007, May 18, 2007, June 12, 2007, July 3, 2007, July 10, 2007, August 6, 2007, August 29, 2007, September 7, 2007, September 12, 2007, October 5, 2007, October 15, 2007, October 22, 2007, November 21, 2007, and November 21, 2007; provided, however, that the Registrant does not incorporate by reference any information contained in, or exhibits submitted with, the Forms 8-K that was expressly furnished and not filed; and
- 4. The description of the Registrant's Common Stock contained in the Registrant's Registration Statement on Form 8-A filed on February 15, 1996, pursuant to Section 12(b) of the Exchange Act, and any further amendment or report filed hereafter for the purpose of updating such description.

All documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act on or after the date of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold shall be deemed to be incorporated by reference in this Registration Statement and to be part hereof from the date of filing of such documents. For the purposes of this Registration Statement, any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

Section 145(a) of the Delaware General Corporation Law (the "DGCL") provides in relevant part that "[a] corporation shall have power to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that the person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by the person in connection with such action, suit or proceeding if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe the person's conduct was unlawful." With respect to derivative actions, Section 145(b) of the DGCL provides in relevant part that "[a] corporation shall have power to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor...[by reason of the person's service in one of the capacities specified in the preceding sentence] against expenses (including attorneys' fees) actually and reasonably incurred by the person in connection with the defense or settlement of such action or suit if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper."

The Registrant's Amended and Restated Certificate of Incorporation provides that to the fullest extent permitted by the DGCL, no director of the Registrant shall be personally liable to the Registrant or its stockholders for monetary damages for breach of fiduciary duty as a director. The Restated Certificate of Incorporation also provides that no amendment or repeal of such provision shall apply to or have any effect on the right to indemnification permitted thereunder with respect to claims arising from acts or omissions

occurring in whole or in part before the effective date of such amendment or repeal whether asserted before or after such amendment or repeal.

The Registrant's bylaws provide for the indemnification of officers, directors and third parties acting on behalf of the Registrant if such person acted in good faith and in a manner reasonably believed to be in and not opposed to the best interest of the Registrant, and, with respect to any criminal action or proceeding, the indemnified party had no reason to believe his or her conduct was unlawful. The Registrant has entered into indemnification agreements with its directors and executive officers and intends to enter into indemnification agreements with any new directors and executive officers in the future.

The Registrant carries officer and director liability insurance with respect to certain matters, including matters arising under the Securities Act.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit Number	Description
4.1	1998 Stock Plan, as amended (1)
5.1	Opinion of Wilson Sonsini Goodrich & Rosati, Professional Corporation, counsel to the Registrant
23.1	Consent of PricewaterhouseCoopers LLP, Independent Registered Public Accounting Firm
23.2	Consent of Wilson Sonsini Goodrich & Rosati, Professional Corporation (contained in Exhibit 5.1)
24.1	Power of Attorney (see page 6)

¹⁾ Incorporated by reference to the Exhibits in the Registrant's Report on Form 10-Q for the quarter ended June 30, 2007.

Item 9. Undertakings.

- A) The undersigned Registrant hereby undertakes:
 - 1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of

- prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement:
- (iii) Include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.
 - 1. Provided however that Paragraphs (A)(1)(i) and (A)(1)(ii) of this section do not apply if the registration statement is on Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Exchange Act that are incorporated by reference in the registration statement.
- 2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- 3) To remove from registration by means of a post-effective amendment any of the securities being registered that remain unsold at the termination of the offering.
- B) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in this registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- C) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto, duly authorized, in the City of Mountain View, State of California, on December 6, 2007.

IRIDEX CORPORATION

By: /s/ Theodore A. Boutacoff
Theodore A. Boutacoff
Principal Executive and Principal Financial Officer

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POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Theodore A. Boutacoff and Larry Tannenbaum, and each of them acting individually, as their true and lawful attorneys and agents, each with full power of substitution, to sign and file on behalf of the undersigned any amendment or amendments to this Registration Statement on Form S-8 (including post-effective amendments) with all exhibits thereto and other documents in connection therewith with the Securities and Exchange Commission and granting unto said attorneys and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the foregoing, as full to all intents and purposes as the undersigned might or could do in person, and each of the undersigned does hereby ratify and confirm all that said attorneys and agents, or their or his substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed on December 6, 2007 by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Theodore A. Boutacoff Theodore A. Boutacoff	President, Chief Executive Officer and Chairman of the Board (Principal Executive and Principal Financial Officer)	December 6, 2007
/s/ Donald L. Hammond Donald L. Hammond	Director	December 6, 2007
/s/ William M. Moore William M. Moore	Director	December 6, 2007
/s/ James L. Donovan James L. Donovan	Director	December 6, 2007
/s/ Sanford Fitch Sanford Fitch	Director	December 6, 2007
/s/ Garrett A. Garrettson Garrett A. Garrettson	Director	December 6, 2007
/s/ James B. Hawkins James B. Hawkins	Director	December 6, 2007
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INDEX TO EXHIBITS

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⁽¹⁾ Incorporated by reference to the Exhibits in the Registrant's Report on Form 10-Q for the quarter ended June 30, 2007.

December 6, 2007

IRIDEX Corporation 1212 Terra Bella Avenue Mountain View, CA 94043

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

We have examined the Registration Statement on Form S-8 to be filed by you with the Securities and Exchange Commission on or about December 6, 2007 (the "Registration Statement") in connection with the registration under the Securities Act of 1933, as amended (the "Act") of 100,000 additional shares of Common Stock available for issuance under your 1998 Stock Plan, 119,000 additional shares of Common Stock available for issuance under your Stand-Alone Stock Option Agreements with Laserscope Employees, and 50,000 additional shares of Common Stock available for issuance under your Stand-Alone Option Agreement with Meryl Rains. Such shares of Common Stock are referred to herein as the "Shares," such plan is referred to herein as the "Plan" and such option agreements are referred to herein as the "Option Agreements." As your counsel in connection with this transaction, we have examined the proceedings taken and are familiar with the proceedings proposed to be taken by you in connection with the issuance and sale of the Shares pursuant to the Plan and the Option Agreements.

It is our opinion that, upon the completion of the proceedings to be taken prior to issuance of the Shares pursuant to the Registration Statement and upon completion of the proceedings to be taken in order to permit such transactions to be carried out in accordance with the securities laws of the various states where required, the Shares, when issued and sold in the manner referred to in the Plan and the agreements which accompany the Plan will be legally and validly issued, fully paid and nonassessable.

We consent to the use of this opinion as an exhibit to the Registration Statement, and consent to the use of our name wherever appearing in the Registration Statement and any amendments thereto.

Sincerely,

WILSON SONSINI GOODRICH & ROSATI Professional Corporation

/s/ Wilson Sonsini Goodrich & Rosati, P.C.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated March 30, 2007, relating to the consolidated financial statements and financial statement schedule of IRIDEX Corporation, which appears in IRIDEX Corporation's Annual Report on Form 10-K for the year ended December 30, 2006.

/s/ PRICEWATERHOUSECOOPERS LLP

San Jose, California December 6, 2007