### IRIDEX CORP Form SC 13G/A July 22, 2005

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)

Iridex Corporation

(Name of Issuer)

Common Stock. \$0.01 par value

(Title of Class of Securities)

462684101

(CUSIP Number)

July 6, 2005

(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [X] Rule 13d-1(b)
- [X] Rule 13d-1(c)
- [ ] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No.	462684101	SCHEDULE 13G	Page 2 of 11

 1
 Name of Reporting Person
 MEDCAP MANAGEMENT & RESEARCH LLC

 IRS Identification No. of Above Person
 94-3411543

2 Check the Appropriate Box if a member of a Group	(a) []
3 SEC USE ONLY	(b) []
4 Citizenship or Place of Organization	DELAWARE
NUMBER OF 5 Sole Voting Power	496,702
SHARES BENEFICIALLY 6 Shared Voting Power OWNED BY EACH	0
REPORTING 7 Sole Dispositive Power PERSON WITH	496,702
8 Shared Dispositive Power	0
9 Aggregate Amount Beneficially Owned by Each Reporting Pers	on 496,702
10 Check Box if the Aggregate Amount in Row (9) Excludes Cert Shares	ain [ ]
11 Percent of Class Represented by Amount in Row 9	6.7%
12 Type of Reporting Person	IA
CUSIP No. 462684101 SCHEDULE 13G	Page 3 of 11
1 Name of Reporting Person MEDCA	P PARTNERS L.P.
1Name of Reporting PersonMEDCAIRS Identification No. of Above Person	P PARTNERS L.P. 94-3412423
IRS Identification No. of Above Person	94-3412423
IRS Identification No. of Above Person 2 Check the Appropriate Box if a member of a Group	94-3412423 (a) []
<pre>IRS Identification No. of Above Person Check the Appropriate Box if a member of a Group SEC USE ONLY</pre>	94-3412423 (a) [] (b) []
IRS Identification No. of Above Person Check the Appropriate Box if a member of a Group SEC USE ONLY Citizenship or Place of Organization NUMBER OF 5 Sole Voting Power SHARES BENEFICIALLY 6 Shared Voting Power	94-3412423 (a) [] (b) [] DELAWARE
IRS Identification No. of Above Person Check the Appropriate Box if a member of a Group SEC USE ONLY Citizenship or Place of Organization NUMBER OF 5 Sole Voting Power SHARES BENEFICIALLY 6 Shared Voting Power OWNED BY EACH REPORTING 7 Sole Dispositive Power	94-3412423 (a) [] (b) [] DELAWARE 276,506
IRS Identification No. of Above Person Check the Appropriate Box if a member of a Group SEC USE ONLY Citizenship or Place of Organization NUMBER OF 5 Sole Voting Power SHARES BENEFICIALLY 6 Shared Voting Power OWNED BY EACH	94-3412423 (a) [] (b) [] DELAWARE 276,506 0
IRS Identification No. of Above Person Check the Appropriate Box if a member of a Group SEC USE ONLY Citizenship or Place of Organization NUMBER OF 5 Sole Voting Power SHARES BENEFICIALLY 6 Shared Voting Power OWNED BY EACH REPORTING 7 Sole Dispositive Power PERSON WITH	94-3412423 (a) [] (b) [] DELAWARE 276,506 0 276,506 0
IRS Identification No. of Above Person Check the Appropriate Box if a member of a Group SEC USE ONLY Citizenship or Place of Organization NUMBER OF 5 Sole Voting Power SHARES BENEFICIALLY 6 Shared Voting Power OWNED BY EACH REPORTING 7 Sole Dispositive Power PERSON WITH 8 Shared Dispositive Power	94-3412423 (a) [] (b) [] DELAWARE 276,506 0 276,506 0 0
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1 Name of Reporting Person	MEDCAP MASTER FUND L.P.
IRS Identification No. of Above Person	98-0437526
2 Check the Appropriate Box if a member of	a Group (a) []
3 SEC USE ONLY	(d) [ ]
4 Citizenship or Place of Organization	CAYMAN ISLANDS
NUMBER OF 5 Sole Voting Power SHARES	220,196
BENEFICIALLY 6 Shared Voting Power OWNED BY EACH	0
REPORTING 7 Sole Dispositive Powe PERSON WITH	r 220,196
8 Shared Dispositive Po	wer 0
9 Aggregate Amount Beneficially Owned by Ea	ch Reporting Person 220,196
10 Check Box if the Aggregate Amount in Row Shares	(9) Excludes Certain [ ]
11 Percent of Class Represented by Amount in	Row 9 3.0%
12 Type of Reporting Person	PN
CUSIP No. 462684101 SCHEDULE	13G Page 5 of 11
CUSIP NO. 462684101SCHEDULE1Name of Reporting Person	13G Page 5 of 11 C. FRED TONEY
1 Name of Reporting Person	C. FRED TONEY
<ol> <li>Name of Reporting Person</li> <li>IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> </ol>	C. FRED TONEY
1 Name of Reporting Person IRS Identification No. of Above Person	C. FRED TONEY a Group (a) []
<ol> <li>Name of Reporting Person</li> <li>IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> </ol>	C. FRED TONEY a Group (a) []
<ol> <li>Name of Reporting Person IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> <li>SEC USE ONLY</li> <li>Citizenship or Place of Organization NUMBER OF 5 Sole Voting Power</li> </ol>	C. FRED TONEY a Group (a) [] (b) []
<ol> <li>Name of Reporting Person IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> <li>SEC USE ONLY</li> <li>Citizenship or Place of Organization</li> <li>NUMBER OF 5 Sole Voting Power SHARES BENEFICIALLY 6 Shared Voting Power</li> </ol>	C. FRED TONEY a Group (a) [] (b) [] UNITED STATES
<ol> <li>Name of Reporting Person IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> <li>SEC USE ONLY</li> <li>Citizenship or Place of Organization</li> <li>NUMBER OF 5 Sole Voting Power SHARES</li> <li>BENEFICIALLY 6 Shared Voting Power OWNED BY EACH REPORTING 7 Sole Dispositive Powe</li> </ol>	C. FRED TONEY a Group (a) [ ] (b) [ ] UNITED STATES 496,702 0
<ol> <li>Name of Reporting Person IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> <li>SEC USE ONLY</li> <li>Citizenship or Place of Organization</li> <li>NUMBER OF 5 Sole Voting Power SHARES BENEFICIALLY 6 Shared Voting Power OWNED BY EACH</li> </ol>	C. FRED TONEY a Group (a) [ ] (b) [ ] UNITED STATES 496,702 0 r 496,702
<ol> <li>Name of Reporting Person IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> <li>SEC USE ONLY</li> <li>Citizenship or Place of Organization</li> <li>NUMBER OF 5 Sole Voting Power SHARES</li> <li>BENEFICIALLY 6 Shared Voting Power</li> <li>OWNED BY EACH REPORTING 7 Sole Dispositive Powe PERSON WITH</li> </ol>	C. FRED TONEY a Group (a) [] (b) [] UNITED STATES 496,702 0 r 496,702 wer 0
<ol> <li>Name of Reporting Person IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> <li>SEC USE ONLY</li> <li>Citizenship or Place of Organization</li> <li>NUMBER OF 5 Sole Voting Power SHARES</li> <li>BENEFICIALLY 6 Shared Voting Power OWNED BY EACH REPORTING 7 Sole Dispositive Powe PERSON WITH</li> <li>Shared Dispositive Powe</li> </ol>	C. FRED TONEY a Group (a) [] (b) [] UNITED STATES 496,702 0 r 496,702 wer 0 ch Reporting Person 496,702
<ol> <li>Name of Reporting Person IRS Identification No. of Above Person</li> <li>Check the Appropriate Box if a member of</li> <li>SEC USE ONLY</li> <li>Citizenship or Place of Organization</li> <li>NUMBER OF 5 Sole Voting Power SHARES</li> <li>BENEFICIALLY 6 Shared Voting Power OWNED BY EACH REPORTING 7 Sole Dispositive Powe PERSON WITH</li> <li>Shared Dispositive Powe</li> <li>Aggregate Amount Beneficially Owned by Ea</li> <li>Check Box if the Aggregate Amount in Row</li> </ol>	C. FRED TONEY a Group (a) [ ] (b) [ ] UNITED STATES 496,702 0 r 496,702 wer 0 ch Reporting Person 496,702 (9) Excludes Certain [ ]

SCHEDULE 13G

Item 1(a). Name of Issuer:

CUSIP No. 462684101

Iridex Corporation

Item 1(b). Address of Issuer's Principal Executive Offices:

1212 Terra Bella Avenue Mountain View, CA 94043-1824

Item 2(a). Names of Persons Filing:

MedCap Management & Research LLC ("MMR")

MedCap Partners L.P. ("Partners")

MedCap Master Fund L.P. ("Master Fund")

C. Fred Toney

Item 2(b). Address of Principal Business Office or, if none, Residence:

The principal business address of MMR, Partners and Toney is 500 Third Street, Suite 535, San Francisco, CA 94107.

The principal business address of Master Fund is c/o ATC Trustees (Cayman) Limited, Cayside, 2nd Floor, Harbour Drive, George Town, Grand Cayman, Cayman Islands.

Item 2(c). Citizenship:

Reference is made to item 4 of pages two (2), three (3), four (4) and five (5) of this Schedule 13G, which Items are incorporated by reference herein.

Item 2(d). Title of Class of Securities:

Common Stock, \$0.01 par value

Item 2(e). CUSIP Number:

462684101

- Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:
  - (a) [ ] Broker or dealer registered under section 15 of the Act
     (15 U.S.C. 780);
  - (b) [ ] Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
  - (c) [ ] Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

CUSIP No. 462684101

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- (d) [ ] Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e)