



DIVISION OF
CORPORATION FINANCE

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549-4628

August 10, 2011

Via E-Mail

Theodore Boutacoff
President and Chief Executive Officer
Iridex Corporation
1212 Terra Bella Avenue
Mountain View, CA 94043

Re: Iridex Corporation
Form 10-K for the Fiscal Year Ended January 1, 2011
Filed March 25, 2011
File No. 000-27598

Dear Mr. Boutacoff:

We refer you to our comment letter dated June 29, 2011 regarding business contacts with Iran, Syria and Sudan. We have completed our review of this subject matter. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ Cecilia Blye

Cecilia Blye, Chief
Office of Global Security Risk

cc: Amanda Ravitz
Assistant Director
Division of Corporation Finance