



DIVISION OF
CORPORATION FINANCE

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

November 15, 2010

Thomas C. Shields
Executive Vice President and Chief Financial Officer
Anadigics, Inc.
141 Mt. Bethel Road
Warren, NJ 07059

Re: ANADIGICS, Inc.
Post-effective amendment to Form S-3
Filed October 26, 2010
File No. 333-110538

Dear Mr. Shields:

We have limited our review of your registration statement to those issues we have addressed in our comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. Where you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Signatures

1. Please revise to clarify which individual signed in the capacity of controller or principal accounting officer below the second paragraph of text required on the signatures page.
2. Please revise to provide currently dated signatures of the persons signing the registration statement.

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 Act of 1933 and all applicable Securities Act rules require. Since the company and its management are in possession of all facts relating to a company's disclosure, they are responsible for the accuracy and adequacy of the disclosures they have made.

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Notwithstanding our comments, before we can declare the amended registration statement effective, the company should provide us with a letter, acknowledging that:

- should the Commission or the staff, acting pursuant to delegated authority, declare the filing effective, it does not foreclose the Commission from taking any action with respect to the filing;
- the action of the Commission or the staff, acting pursuant to delegated authority, in declaring the filing effective, does not relieve the company from its full responsibility for the adequacy and accuracy of the disclosure in the filing; and
- the company may not assert staff comments and the declaration of effectiveness as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States.

Please contact Gabriel Eckstein at (202) 551-3286 or Geoff Kruczek, Senior Attorney, at (202) 551-3641 if you have any questions.

Sincerely,

Russell Mancuso
Branch Chief

cc (via fax): Stephen A. Greene, Esq.
Cahill Gordon & Reindel LLP