

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

August 11, 2011

Via Facsimile
John Aglialoro
Chairman and Chief Executive Officer
Cybex International, Inc.
10 Trotter Drive
Medway, MA 02053

Re: Cybex International, Inc.

Form 10-K for the fiscal year ended December 31, 2010

Filed March 31, 2011

Definitive Proxy Statement on Schedule 14A

Filed April 14, 2011 File No. 001-08146

Dear Mr. Aglialoro:

We have reviewed your filing and have the following 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 within ten business days by amending your filing, by providing the requested information, or by advising us when you will provide the requested response. If 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 filing and the information you provide in response to these comments, we may have additional comments.

Schedule 14A

Executive Compensation, page 10

The Compensation Decision-Making Process, page 10

1. We note your disclosure that you benchmark your named executive officers' compensation to the median of a peer group of companies referenced in your 10-K. In future filings, please identify here the companies to which you benchmark and disclose the degree to which the compensation committee considers such companies comparable to you. Refer to Item 402(b)(2)(xiv) of Regulation S-K.

John Aglialoro Cybex International, Inc. August 11, 2011 Page 2

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 Exchange 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.

In responding to our comments, please provide a written statement from the company acknowledging that:

- the company is responsible for the adequacy and accuracy of the disclosure in the filing;
- staff comments or changes to disclosure in response to staff comments do not foreclose the Commission from taking any action with respect to 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.

Please contact J. Nolan McWilliams at (202) 551-3217 or me at (202) 551-3642 with any questions you may have.

Sincerely,

/s/ Loan Lauren P. Nguyen

Loan Lauren P. Nguyen Special Counsel