



DIVISION OF
CORPORATION FINANCE

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

Mail Stop 3720

February 14, 2008

Joseph R. Chinnici
Sr. Vice President, Finance and Chief Financial Officer
Ciena Corporation
1201 Winterson Road
Linthicum, MD 21090-2205

Re: Ciena Corporation
Form 10-K for the Fiscal Year Ended October 31, 2007
Filed December 17, 2007
File No. 0-21969

Dear Mr. Chinnici:

We have completed our review of your Form 10-K and related filings and do not, at this time, have any further comments.

Sincerely,

Larry Spigel
Assistant Director