



Mail Stop 3720

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

September 22, 2009

Mr. James E. Moylan, Jr.  
Senior Vice President 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, 2008**  
**Filed December 23, 2008**  
**File No. 000-21969**

Dear Mr. Moylan:

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