
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549**

FORM 8-K

**CURRENT REPORT PURSUANT
TO SECTION 13 OR 15(D) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported) January 31, 2008

Ciena Corporation

(Exact Name of Registrant as Specified in Its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

0-21969

(Commission File Number)

23-2725311

(IRS Employer Identification No.)

1201 Winterson Road, Linthicum, MD

(Address of Principal Executive Offices)

21090

(Zip Code)

(410) 865-8500

(Registrant's Telephone Number, Including Area Code)

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
 - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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ITEM 8.01. OTHER EVENTS

On January 31, 2008, Ciena Corporation and Northrop Grumman Guidance and Electronics Company (previously named Litton Systems, Inc.) entered into an agreement to settle patent-related litigation between the parties pending in the United States District Court for the Central District of California. A description of this litigation and the history of the proceedings can be found in "Item 3. Legal Proceedings" of Part I of Ciena's Annual Report on Form 10-K filed with the Securities and Exchange Commission on December 27, 2007. Pursuant to the settlement agreement, Ciena has made a one-time payment of \$7.7 million, in full satisfaction of all claims in the lawsuit. The payment will be recorded in Ciena's first quarter of fiscal 2008.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Ciena Corporation

Date: January 31, 2008

By: /S/ Russell B. Stevenson, Jr.
Russell B. Stevenson, Jr.
Senior Vice President, General Counsel and Secretary