SEC Form 4

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person[*] | 2. Issuer Name **and** Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |
| --- | --- | --- |
| ALEXANDER STEPHEN B | CIENA CORP [ CIEN ] | |

| (Last) | (First) | (Middle) |
| --- | --- | --- |
| C/O CIENA CORPORATION | | |
| 1201 WINTERSON ROAD | | |

| (Street) | | |
| --- | --- | --- |
| LINTHICUM, | MD | 21090 |

| (City) | (State) | (Zip) |
| --- | --- | --- |

3. Date of Earliest Transaction (Month/Day/Year)
03/15/2007

4. If Amendment, Date of Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer (Check all applicable)

| | Director | | 10% Owner |
| --- | --- | --- | --- |
| X | Officer (give title below) | | Other (specify below) |

Sr VP Chief Technology Officer

6. Individual or Joint/Group Filing (Check Applicable Line)

X    Form filed by One Reporting Person

Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 03/15/2007 | | S[(1)] | | 50 | D | $25.64 | 93,728 | D | |
| Common Stock | 03/15/2007 | | S[(1)] | | 100 | D | $25.62 | 93,628 | D | |
| Common Stock | 03/15/2007 | | S[(1)] | | 1,100 | D | $25.61 | 92,528 | D | |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**
**(e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

**Explanation of Responses:**

1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 12/20/06.

| By: Erik Lichter For: Stephen B. Alexander | 03/16/2007 |
| --- | --- |
| ** Signature of Reporting Person | Date |