CIENA CORP Form 4 July 15, 2015

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading ALEXANDER STEPHEN B Issuer Symbol CIENA CORP [CIEN] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify C/O CIENA CORPORATION, 7035 07/15/2015 below) RIDGE RD. Sr VP Chief Technology Officer (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting HANOVER, MD 21076-1426 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1.Title of | 2. Transaction Date | 2A. Deemed | 3. | 4. Securitie | s Acqu | uired | 5. Amount of | 6. Ownership | 7. Nature of |
|-----------------|---------------------|--------------------|------------|-----------------------|----------------|------------|------------------|--------------|--------------|
| Security | (Month/Day/Year) | Execution Date, if | Transactio | on(A) or Disp | osed o | of (D) | Securities | Form: Direct | Indirect |
| (Instr. 3) | | any | Code | (Instr. 3, 4 | and 5) | | Beneficially | (D) or | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | | | | Owned | Indirect (I) | Ownership |
| | | | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | | (. | | Reported | | |
| | | | | | (A) | | Transaction(s) | | |
| | | | ~ | | or | ~ . | (Instr. 3 and 4) | | |
| | | | Code V | Amount (| (D) | Price | | | |
| Common Stock | 07/15/2015 | | S | $\frac{3,500}{(1)}$ I | $\frac{\$}{2}$ | 3 24.57 | 142,682 (2) | D | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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

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| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 4. Transacti Code (Instr. 8) | 5. orNumber of Derivative Securities Acquired (A) or Disposed | . | ate | 7. Titl Amou Under Securi (Instr. | int of lying | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Owne Follo Repo Trans |
|---|---|---|---------------------------------------|--|-------------|------------|---|------------------------|---|---|
| | | | | of (D) (Instr. 3, 4, and 5) | | | | | | (Instr |
| | | | | +, and 3) | Date | Expiration | | Amount | | |
| | | | Code V | (A) (D) | Exercisable | Date | Title | Number of Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | | |
|--|---------------|-----------|--------------------------------------|-------|--|--|--|--|
| • 8 | Director | 10% Owner | Officer | Other | | | | |
| ALEXANDER STEPHEN B C/O CIENA CORPORATION 7035 RIDGE RD. HANOVER, MD 21076-1426 | | | Sr VP Chief Technology Officer | | | | | |

Signatures

By: Erik Lichter For: Stephen B.
Alexander

07/15/2015

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Sales were effected pursuant to Rule 10b5-1 trading plan dated 9/19/2014.
- (2) Shares reported include unvested Restricted Stock Units (RSUs).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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