ALEXANDER STEPHEN B

Form 4

October 17, 2017

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

Form 5

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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response...

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

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(City)

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person * ALEXANDER STEPHEN B

2. Issuer Name and Ticker or Trading Symbol

Issuer

5. Relationship of Reporting Person(s) to

CIENA CORP [CIEN] 3. Date of Earliest Transaction

(Check all applicable)

C/O CIENA CORPORATION, 7035

(First)

(Month/Day/Year)

Director 10% Owner X_ Officer (give title Other (specify

10/16/2017

RIDGE RD.

below)

Sr VP Chief Technology Officer

(Street) 4. If Amendment, Date Original

(Zip)

(Middle)

Filed(Month/Day/Year)

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

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

HANOVER, MD 21076-1426

(State)

10/16/2017

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired (A) 5. Amount of Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

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

Reported

Ownership Form: Direct (D) or Indirect

7. Nature of Indirect Beneficial Ownership (Instr. 4)

(A)

Price

Transaction(s) (Instr. 4) (Instr. 3 and 4)

D

Code V Amount (D) \$

2,500 S D (1)

21.5655 119,538 (3)

(2)

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

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SEC 1474 (9-02)

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	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)			ate	7. Title Amoun Under	nt of lying ities	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene
	Derivative Security				Securities Acquired			(Instr.	3 and 4)		Owne Follo
					(A) or Disposed						Repo Trans
					of (D) (Instr. 3, 4, and 5)						(Instr
					4, and 3)				Amount		
						Date Exercisable	Expiration Date	Title	or Number of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	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: Michelle Griswold For: Stephen B. 10/17/2017 Alexander

> **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 6/24/2016.
- Reflects the weighted average sales price with transactions in a range of sales from \$21.37 to \$21.83. Upon request by the SEC, full **(2)** information regarding the number of shares sold at each separate sales price will be provided.
- (3) Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

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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