ALEXANDER STEPHEN B

Form 4

October 16, 2018

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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Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

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 * ALEXANDER STEPHEN B

2. Issuer Name and Ticker or Trading Symbol

Issuer

5. Relationship of Reporting Person(s) to

(Last)

(City)

Stock

(Middle)

CIENA CORP [CIEN] 3. Date of Earliest Transaction

C/O CIENA CORPORATION, 7035

(First)

(Month/Day/Year) 10/15/2018

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

(Check all applicable)

SVP, Chief Technology Officer

RIDGE RD.

(Street)

(State)

6. Individual or Joint/Group Filing(Check

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

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

HANOVER, MD 21076-1426

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secu	rities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securi	ties A	cquired (A)	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	omr Dispo	sed of	(D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership
							Following	or Indirect	(Instr. 4)
					(4)		Reported	(I)	
					(A)		Transaction(s)	(Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common	10/15/2018		S	2,500	D	\$ 29.1608	111,463 (3)	D	

(1)

(2)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amour	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. :	3 and 4)		Owne
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
				~					of		
				Code V	(A) (D)				Shares		

Reporting Owners

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

Signatures

By: Michelle Rankin For: Stephen B.

Alexander 10/16/2018

**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.
- (2) Reflects the weighted average sales price with transactions in a range of sales from \$29.04 to \$29.33. Upon request by the SEC, full 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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