CIENA CORP Form 4 December 19, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

January 31, Expires:

OMB APPROVAL

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)

(Ctata)

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) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title _ Other (specify C/O CIENA CORPORATION, 7035 12/17/2014 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 Person

(City)	(State) (A	Table	I - Non-Do	erivative S	ecurit	ies Acq	uired, Disposed o	f, or Beneficial	ly Owned	
1.Title of Security	2. Transaction Date (Month/Day/Year)	. Transaction Date 2A. Deemed 3. 4. Securities Acquired Month/Day/Year) Execution Date, if Transaction(A) or Disposed of			•	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect		
(Instr. 3)	(, , , , , , , , , , , , , , , , , , ,	any	Code	(D)			Beneficially	(D) or	Beneficial	
		(Month/Day/Year)	(Instr. 8)	(,,		Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)		
					(A)		Reported Transaction(s)			
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	12/17/2014		A	26,930 (1)	A	\$0	172,881 (2)	D		
Common Stock	12/17/2014		A	16,895 (3)	A	\$0	189,776 (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)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration D	ate	Amount	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								Λ.	mount		
									mount		
						Date Expiration Exercisable Date	Title N	r Jumber			
							Date				
				C + V	(A) (D)			0			
				Code V	(A) (D)			S	hares		

Reporting Owners

Paparting Owner Name / Address	Relationship

10% Owner Director 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

12/18/2014

**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).
- Reflects Restricted Stock Units (RSUs) that vest over four years, with one-sixteenth of the grant amount vesting on March 20, June 20, **(1)** September 20, and December 20 of each year, commencing on March 20, 2015.
- Shares reported include unvested Restricted Stock Units (RSUs).
- Reflects the number of stock units earned pursuant to the terms of a performance stock unit award granted on 12/17/2013 reflecting the achievement of the related performance conditions. These shares vest in equal 1/3 amounts on each December 20, 2014, 2015, and 2016.

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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