FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPRO	VAL							
	OMB Number:	3235-0287							
l	Estimated average burden								
l	hours per response:	0.5							

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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* <u>ALEXANDER STEPHEN B</u>						2. Issuer Name <b>and</b> Ticker or Trading Symbol CIENA CORP [ CIEN ]									Check	all app	olicable)		Issuer Owner
(Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD.					3. Date of Earliest Transaction (Month/Day/Year) 12/15/2016										X	belov			w)
(Street) HANOVER MD 21076-14			26	4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person					
(City)	(City) (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Tran- Date (Month					action Day/Yea	ar) 2 E it (I	A. Deemed xecution Date, any Month/Day/Year)		3. Transa Code 8)	action	4. Securit Disposed 5)	ies Ac Of (D)	(A) or (D) Price		nd	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)
Common Stock  12/15/2016   S   3,500(1)   D   \$23.71   167,018(2)   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)	tive Conversion Date Execution or Exercise (Month/Day/Year) if any		n Date, ay/Year)	4. Transaction Code (Instr. 8)			ative rities ired osed	6. Date E Expiration (Month/II) Date Exercisa	on Dat	Securitie Underlyi Derivatii Security and 4)		unt of urities erlying vative urity (In 4)  Am or Nur of	ount nber			9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirec (I) (Instr. 4	Beneficial Ownership (Instr. 4)	

## Explanation of Responses:

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 9/19/2014.
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Griswold For: Stephen B. Alexander 12/16/2016

\*\* Signature of Reporting Person Date

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.