## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

wasinigton,	D.C.	20343	

Sheck this box if no longer subject to section 16. Form 4 or Form 5	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP
obligations may continue. See	
Instruction 1(b).	Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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*  ALEXANDER STEPHEN B					2. Issuer Name <b>and</b> Ticker or Trading Symbol  CIENA CORP [ CIEN ]										Check	all app	Director		Person(s) to Issuer  10% Owner  Other (specify		
(First) (Middle) CIENA CORPORATION RIDGE RD.					3. Date of Earliest Transaction (Month/Day/Year) 10/15/2015										X	below) below) Sr VP Chief Technology Officer					
			26	_   4. If	f Ame	endm	nent, C	Date of	of Original Filed (Month/Day/Year)							Form	m filed by One Reporting Person m filed by More than One Reporting				
(5)			n-Deriv	,ative	- Se	curi	ities	: Aco	uired	Die	nosed o	f o	r Ren	efici	ally	Owne	-d				
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)		ar)	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr.		4. Securities Acquired (A)			(A) or	) or 5.4 and SB		5. Amount of Securities Beneficially Owned Following		: Direct r Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								Code	v	Amount		(A) or (D)	Price	•	Transaction(s) (Instr. 3 and 4)				(111501.4)		
Common Stock			10/15	5/2015	/2015				S		181(1)		D	\$22.4		132,950 <sup>(2)</sup>			D		
Common Stock 10/1			5/2015	2015		S		2,606(1)		D \$22		2.4 130,344 <sup>(2)</sup>			D						
Common Stock 10/15/			5/2015	2015			S		713(1)		D	\$22.4		129,631 <sup>(2)</sup>			D				
	Та															wned					
curity or Exercise Price of Derivative Security (Month/Day/Year) if any (Month/Day/Year) if any (Month/Day/Year) 8)		Transa Code (		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiratio (Month/D	n Date	Amoun Securit Underly Derivati Securit; and 4)		mount of ecurities nderlying erivative ecurity (Instr. : add 4)  Amount or Number of		Derivat Securit (Instr. §		derivative Securities Beneficially Owned Following Reported	O Fe Di Oi (I)	ownership form: pirect (D) r Indirect	11. Nature of Indirect Beneficial Ownership (Instr. 4)				
	(Fin NA CORPODGE RD.  ER Min (St Stock Sto	(First) (MA CORPORATION OGE RD.  ER MD (State) (Matching of the content of the co	(First) (Middle)  NA CORPORATION  OGE RD.  ER MD 21076-14  (State) (Zip)  Table I - Nor  Security (Instr. 3)  Stock  Stock  Stock  Table II - I  (Conversion or Exercise Price of Derivative if any (Month/Day/Year) if any (Month/Day/Pear)	(First) (Middle)  NA CORPORATION DGE RD.  ER MD 21076-1426  (State) (Zip)  Table I - Non-Deriv Security (Instr. 3)  Stock 10/15  Stock 10/15  Table II - Derivat (e.g., p  Conversion or Exercise Price of Derivative (Month/Day/Year)  2. (Month/Day/Year)  3. Transaction Exercise (Month/Day/Year)	(First) (Middle)  NA CORPORATION OGE RD.  Table I - Non-Derivative Security (Instr. 3)  Stock  10/15/2015  Stock  Table II - Derivative Security  Table II - Derivative Security  Stock  10/15/2015  Table II - Derivative Security  (e.g., puts, code of Derivative Security  A. If the security of the secur	(First) (Middle)  NA CORPORATION OGE RD.  Table I - Non-Derivative Security (Instr. 3)  Stock  10/15/2015  Stock  10/15/2015  Table II - Derivative Security (Instr. 3)  Table II - Derivative Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  Table II - Derivative Security (Instr. 3)  3. Date 10/15/2015  Table II - Derivative Security (Instr. 3)  3. Deemed Execution Date (Instr. 3)  2. Transaction Date (Instr. 3)  3. Deemed Execution Date (Instr. 3)	(First) (Middle)  NA CORPORATION OGE RD.  Table I - Non-Derivative Security (Instr. 3)  Stock  10/15/2015  Stock  10/15/2015  Table II - Derivative Security (e.g., puts, calls, work call	(First) (Middle)  (First) (Middle)  (Sate) (Zip)  Table I - Non-Derivative Securities (Month/Day/Year)  Stock  10/15/2015  Stock  10/15/2015  Table II - Derivative Securities (e.g., puts, calls, warra (e.g., puts, calls, warra (Month/Day/Year))  Table II - Derivative Securities (Month/Day/Year)  Table II - Derivative Securities (A. Transaction Date (Month/Day/Year))  Table II - Derivative Securities (A. Transaction Date (Month/Day/Year))  Table II - Derivative Securities (A. Transaction Code (Instr. Security (Month/Day/Year))  Table II - Derivative Securities (A. Transaction Date (Month/Day/Year))  Table II - Derivative Securities (A. Transaction Code (Instr. Security (A.) or Dispos of (D.) (Instr. and 5)	(First) (Middle)  (State) (Zip)  Table I - Non-Derivative Securities Accurity (Instr. 3)  Stock  10/15/2015  Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, (Month/Day/Year)  Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  (IENA CORP [IIII	ANDER STEPHEN B  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities Acquired, Month/Day/Year)  Security (Instr. 3)  Table I - Non-Derivative Securities Acquired, Date (Month/Day/Year)  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (e.g., puts, calls, warrants, option)  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (e.g., puts, calls, warrants, option)  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Date (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  Date  Date	ANDER STEPHEN B  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of CD)  Stock  Table II - Derivative Securities Acquired, Disposed of CD)  (Ronth/Day/Year)  Table II - Derivative Securities Acquired, Disposed of CD)  (Ronth/Day/Year)  (Month/Day/Year)  A. If Amendment, Date of Original Filed  2. Transaction Date Execution Date, (Month/Day/Year)  (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Disposed of CD) (Instr. 3)  Table III - Derivative Securities Acquired, Disposed of CD) (Instr. 3, 4 and 5)  Date  (Month/Day/Year)  S. Number of Capital Filed  A. If Amendment, Date of Original Filed  2. Transaction Code (Instr. 8)  Transaction Code (Instr. 8)  S. Number of Capital Filed  A. Transaction Code (Instr. 8)  S. Number of Capital Filed  A. Transaction Code (Instr. 8)  Date  Execution Date (A) or Disposed of CD) (Instr. 3, 4 and 5)  Date  Date	ANDER STEPHEN B  (First) (Middle) NA CORPORATION DGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (Security (Instr. 3)  2. Transaction Date (Month/Day/Year) (Month/Day/Year)  (Month/Day/Year) (Month/Day/Year)  Stock 10/15/2015 S 181(1)  Stock 10/15/2015 S 2,6066  Stock 10/15/2015 S 7,13(1)  Table II - Derivative Securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertibe for Code (Instr. Security (Instr. 3) (Instr. 3)  A. Deemed Execution Date, (e.g., puts, calls, warrants, options, convertibe for Original Filed (Month/Day/Year)  4. Security (Instr. 3)  Stock 10/15/2015 S 181(1)  Table II - Derivative Securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertibe for Original Filed (Month/Day/Year)  A. Security (Instr. 3)  Stock 10/15/2015 S 181(1)  Table II - Derivative Securities Acquired, Disposed of, (e.g., puts, calls, warrants, options, convertibe for Original Filed (Month/Day/Year)  A. Security (Instr. 3)  Stock 10/15/2015 S 181(1)  Date Exercisable and Expiration Date (Instr. Acquired)  (A) or Disposed of (D) (Instr. 3, 4 and 5)  Date Expiration	(First) (Middle)  NA CORPORATION OGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of, Of Exercise Month/Day/Year)  Stock  10/15/2015  Stock  10/15/2015  Table II - Derivative Securities Acquired, Disposed of, Of Code (Instr. 8)  Table II - Derivative Securities Acquired, Disposed of, Of Code (Instr. 8)  Table II - Derivative Securities Acquired, Disposed of, Of Code (Instr. 8)  Table II - Derivative Securities Acquired, Disposed of, Of Code (Instr. 8)  Table II - Derivative Securities Acquired, Disposed of, Of Code (Instr. 8)  Table II - Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Disposed of, Or Exercise Price of Derivative Securities Acquired, Derivative Price of Derivative Securities Acquired, Derivative Price of Derivativ	(First) (Middle) NA CORPORATION DGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of, or Benefic (Month/Day/Year)  Security (Instr. 3)  Z. Transaction Date (Month/Day/Year) (Month/Day/Year)  Stock  10/15/2015  Stock  10/15/2015	(First) (Middle) NA CORPORATION DGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficial (Month/Day/Year) (Month/Day/Year)  Table I - Non-Derivative Securities Acquired, Disposed of (D) (Instr. 3)  2. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  Stock  10/15/2015  Stock  10/15/2015  Table II - Derivative Securities Acquired, Disposed of, or Beneficial (A) or Disposed of (D) (Instr. 3, 4 a Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 a Securities (D) (Instr. 3, 4	CIENA CORP [ CIEN ]  (Check X  ANDER STEPHEN B  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially  Security (Instr. 3)  Date (Month/Day/Year)  (Month/Day/Year)  Table I - Non-Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and Date (Month/Day/Year)  Stock  10/15/2015  Stock	CIENA CORP [ CIEN ]  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Month/Day/Year)  Security (Instr. 3)  Date of Earliest Transaction (Month/Day/Year)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3)  Date Security (Instr. 3)  Date of Earliest Transaction (Month/Day/Year)  A . If Amendment, Date of Original Filed (Month/Day/Year)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned (Instr. 3, 4 and 5)  Code   V   Amount   (A) or   Price of Owned (Instr. 3)  Stock  Date   Date	CIENA CORP [ CIEN ]  (Check all applicable) Director X Officer (give title below) Sr VP Chief Te VP Ch	ANDER STEPHEN B  (First) (Middle)  NA CORPORATION  DGE RD.  4. If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  Security (Instr. 3)  2. Transaction Date (Month/Day/Year) (Month/Day/Year)  (Month/Day/Year)  Stock  10/15/2015  S 18110  D \$2.2.4 132,950(2)  Stock  10/15/2015  S 2,606(1) D \$2.2.4 130,344(2)  Stock  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Stock  10/15/2015  S 2,606(1) D \$2.2.4 130,344(2)  Stock  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Stock  10/15/2015  S 18110  D \$2.2.4 132,950(2)  Stock  10/15/2015  S 7,13(1) D \$2.2.4 130,344(2)  Stock  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  Stock  10/15/2015  S 18110  D \$2.2.4 130,344(2)  Stock  10/15/2015  S 0, Date Exercisable and Amount of Conversion Date (e.g., puts, calls, warrants, options, convertible Securities Derivative Securities Acquired (h) or Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities Securities Derivative Securities Acquired (h) or Price (h) Amount of Securities Acquired (h) or Price (h) Or Pric	ANDER STEPHEN B  (First) (Middle) NA CORPORATION DGE RD.  4. If Amendment, Date of Original Filed (Month/Day/Year) 10/15/2015  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Security (Instr. 3)  2. Transaction (Month/Day/Year) Derivative Securities Acquired, Disposed of, or Beneficially Owned Stock  10/15/2015  Stock  10/15/2015  Stock  10/15/2015  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  10/15/2015  Stock  10/15	

## **Explanation of Responses:**

- $1. \ Sales \ were \ effected \ pursuant \ to \ Rule \ 10b5-1 \ trading \ plan \ dated \ 09/19/14, \ as \ amended.$
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Erik Lichter For: Stephen B. Alexander

10/16/2015

\*\* 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.