FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL										
OMB Number:	3235-0287									
Estimated average to	ed average burden									

0.5

hours per response:

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

					UI V	Secui	011 30(11)	or the r	IIVESIIIE	iii Cui	ilipally Act	01 19	40						
1. Name and Address of Reporting Person* ALEXANDER STEPHEN B (Last) (First) (Middle) C/O CIENA CORPORATION 1201 WINTERSON ROAD					2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]									Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner					
					3. Date of Earliest Transaction (Month/Day/Year) 01/17/2012								X	Officer (give title below) Sr VP Chief Tec		below	′		
(Street) LINTHICUM, MD 21090 (City) (State) (Zip)					. 4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								Individue)	idual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person				
		Tab	le I - No	n-Deriv	ative	Se	curitie	s Acc	quired,	Dis	posed o	f, o	r Ben	eficia	ally C)wne	ed		
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da				ay/Year) if an		A. Deemed kecution Date, any lonth/Day/Year)		Transaction Dispose Code (Instr. 5)		ities Acquired (A) d Of (D) (Instr. 3, 4			4 and S		ount of ties cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code	v	Amount		(A) or (D)	Price	- 1	Reported Transaction(s) (Instr. 3 and 4)			(111541.4)
Common Stock 01/17/			//2012	2012			S		3,500(1	1)	D	\$14	.63	227,626(2)		D			
		Т									osed of, onvertib				y Ow	ned			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Execution if any (Month/D	n Date,		ransaction ode (Instr.		of		6. Date Exercis. Expiration Date (Month/Day/Yea		7. Title and Amount of Securities Underlying Derivative Security (Instrand 4)		str. 3			9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
						v	(A)			Date Exercisable		Title	Amount or Number of Shares						

Explanation of Responses:

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 12/28/09, as amended.
- 2. Shares reported include unvested Restricted Stock Units (RSUs).

By: Erik Lichter For: Stephen B. Alexander

01/18/2012

** 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.