FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
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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

							5000	011 00(11)	01 1110 11	investine	00	inparty Act	01 10	J-10						
1. Name and Address of Reporting Person*						2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
STEVENSON RUSSELL B JR					🖰		11 00		CILITY J							Direc	ctor	10% (Owner	
						-	oto e	of Carline	t Trans	action (M	lonth	(Day (Vaar)			\dashv	X	Office	er (give title v)	Other below	(specify
(Last)		(First)	(1	Middle)					st Trans	action (iv	iontn/	Day/Year)					SR	VP GENE	RAL COUNS	REL.
C/O CIENA CORPORATION						01/	01/27/2007										014.	vi, GLITE	IUIE COOTI	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1201 WINTERSON ROAD																				
				_ 4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable						
(Street)												•	•	,		ine)		·	• .	
LINTHI	TIM	MD	7	21090												X	Form	n filed by One	e Reporting Per	son
LIMITIN	JOIVI,	IVID	2	.1030															re than One Rep	oorting
						1											Pers	on		
(City)		(State)	(2	Zip)																
			Tabl	e I - Noi	n-Deriv	ative	Se	curitie	s Acc	quired,	Dis	posed o	of, o	or Ben	efici	ally C)wne	ed		
1. Title of S	Security (I	nstr. 3)			2. Trans	action					3. 4. Securities Acquired (A)							ount of	6. Ownership	7. Nature
Date (Month					/lonth/Day/Year) if		Execution Date, if any (Month/Day/Year)		Transaction Code (Instr.) 8)				. 3, 4 a	Be		ties cially d Following	Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect Beneficial Ownership		
											v	Amount		(A) or (D)	Price	, l·	Reported Transaction(s) (Instr. 3 and 4)			(Instr. 4)
Common Stock 01/27					01/27/2007						287(1))	D	D \$28		3.78 17,621		D		
			Та									sed of,					ned			
				(e.g., p	uts, c	alis	s, warr	ants,	option	s, c	onvertib	ole s	securi	ties)					
1. Title of Derivative Security (Instr. 3)	2. Conversi or Exerci Price of Derivativ Security	on Date se (Mon	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution I if any (Month/Day	Date, Transaction Code (Ins					6. Date E Expiratio (Month/D	n Dat		7. Title and Amount of Securities Underlying Derivative Security (Instrand 4)					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)
						Code	v	(A)		Date Exercisa		Expiration Date	Titl	or Nu of	nount mber ares					

Explanation of Responses:

1. Shares reported represent the amount forfeited to cover the tax liabilities of the reporting person pursuant to a restricted stock unit (RSU) award agreement. The RSU vests at the end of Ciena's fiscal quarters over a four year term and shares are issued net of taxes upon vesting. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 filed on November 3, 2005.

By: Erik Lichter For: Russell B
Stevenson Jr
** Signature of Reporting Person

01/30/2007

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.