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

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1. Name and Address of Reporting Person* MOYLAN JAMES E JR							2. Issuer Name and Ticker or Trading Symbol CIENA CORP CIEN									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
MUYL	AN JAM	<u>ES E JR</u>			1-											Direc	ctor	10%	Owner		
	/- :	-	O Date of Facility of Tanasa trian (Marth (Bank)									X Office below		er (give title v)	Othe below	r (specify v)					
(Last) (First) (Middle)							3. Date of Earliest Transaction (Month/Day/Year)										SVP Fin:	ance, CFO			
C/O CIENA CORPORATION						01/28/2015											OVI IIII	unce, er o			
7035 RIDGE RD.																					
7000 KIDGE KD.						4 If Amandment Date of Original Filed (Month/D-:///)									C. Ladicidual on Taint/Onesan Filipp (Obsert & 17, 17						
						4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street)															X Form filed by One Reporting Person						
HANOV.	HANOVER MD 21076-14			26											Form filed by More than One Reporting						
					-											Person					
(City)	(St	ate) (Zip)																		
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
									-		·							1	1		
1. Title of S	Security (Inst	r. 3)		2. Transa Date	action	ction 2A. Deemed Execution Date,				3. 4. Securities Acquired (A) Transaction Disposed Of (D) (Instr. 3, 4							ount of	6. Ownership Form: Direct	7. Nature of Indirect		
				Month/E	Day/Yea				Code (Instr. 5)			3, 4 ai	icially (D	(D) or Indirect			Beneficial				
				ļ ·	· / ((Month/Day/Year)		8)					Owne Repor			(I) (Instr. 4)	Ownership (Instr. 4)			
									Code	v	Amount	(A) or Price		Price	Trans		action(s)		(111341. 4)		
								10000	Ľ	7		(D)			(Instr. 3 and 4)						
Common Stock 01/28/2						8/2015					1,000(1)	D	\$19.65		408,673(2)		D			
		Ta	hle II - I	Derivat	ive S	ecu	rities	Δcaui	ired D	isno	sed of	or P	Renefi	iciall	v Ov	vned					
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
1. Title of	2.	3. Transaction	3A. Deem	ed	4.		5. Number		6. Date E	sable and	7. Title and			8. Price		9. Number o	f 10.	11. Nature			
Derivative	Conversion	Date	Execution	n Date,	Transa					Expiration Date Amount of				Derivative		derivative	Ownership				
Security (Instr. 3)	or Exercise Price of Derivative	(Month/Day/Year)	if any (Month/Da		Code (Instr 8)		tr. Derivative Securities		(Month/Day/Year)				Securities Underlying		Security (Instr. 5)		Securities Beneficially	Form: Direct (D)	Beneficial Ownership		
(5 0)					٠,		Acquired					Derivative			(Owned	or Indirect	(Instr. 4)		
	Security						(A) or			Security (Ins			str. 3	. 3		Following	(I) (Instr. 4				
						Disposed of (D)		1			and	and 4)				Reported Transaction(s)	(s)				
							(Instr. 3, 4										(Instr. 4)				
			L				and 5)														
														ount				- 1			
							1						or Nu	mber				- 1			
									Date		Expiration		of								
					Code	٧	(A)	(D)	Exercisa	ble	Date	Title	e Sha	ares				- 1			

Explanation of Responses:

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 10/15/14, as amended.
- 2. Shares reported include unvested Restricted Stock Units (RSUs).

By: Erik Lichter For: James E. Moylan Jr.

01/29/2015

** 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.