FORM 4

obligations may continue. See

Instruction 1(b)

Check this box if no longer subject to Section 16. Form 4 or Form 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

STATEMENT	OF CHANGES	IN BENEFICIAL	OWNERSHIP

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* <u>Locoh-Donou Francois</u>					2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]									all applicable) Director		Person(s) to Issuer 10% Owner Other (specify		
(Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD.					3. Date of Earliest Transaction (Month/Day/Year) 09/22/2014									below) below) SVP, Global Products Group				
			.426	4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Indiv Line) X					
	Tab	le I - N	on-Deriv	ative	Sec	uritie	s Ac	quirec	d, Dis	sposed o	f, or B	enefi	cially	Owne	ed			
1. Title of Security (Instr. 3)		2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)					nd 5) Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership						
								Code	v	Amount	(A) or (D)	Price	e	Transaction(s) (Instr. 3 and 4)			(Instr. 4)	
Common Stock				2014				S		653(1)	D	\$18	3.4709	19	7,208(2)	D		
Common Stock 09/22/2			2014	014		S		873(3)	D	\$1	\$18.471		6,335 ⁽²⁾	D				
Common Stock 09/22/2				2014	014		S		737(4)	D	\$18	\$18.4709		5,598 ⁽²⁾	D			
Common Stock 09/22/2			.014			S		965(5)	D	\$18	\$18.4709		4,633 ⁽²⁾	D				
	Ta	able II -												wned				
Derivative Conversion Date Executio Security or Exercise (Month/Day/Year) if any		on Date,	Transa Code (l	ransaction of ode (Instr. Derivative		Expirat	ion Da	ite	Amoun or Numbe		Deri Sec (Ins:	curity S str. 5) E F	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
	Conversion or Exercise Price of Derivative	Conversion or Exercise Price of Derivative (First) (First) (First) (First) (First) (First) (First) (First) (State) Tab (State) Tab (State) Tab (Stock) Stock Stock 3. Transaction Date (Month/Day/Year)	Conversion or Exercise Price of Derivative (Mond In Mode) (First) (Middle) (Middle) (Middle) (Middle) (Middle) (Middle) (Middle) (Zip) Table I - Note of Date (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Middle) (Middle) (All Carlot of Date (Month/Day/Year) (Month/Day/Year) (Middle) (Middle) (Middle) (Middle) (All Carlot of Date (Month/Day/Year) (Month/Day/Year)	Conversion or Exercise Price of Derivattive CORPORATION Conversion or Exercise Price of Derivative Conversion or Exercise Price of Derivative Conversion or Exercise Price of Derivative Conversion of Exercise Conversion of	CIL Conou Francois (First) (Middle) NA CORPORATION OGE RD. Table I - Non-Derivative ecurity (Instr. 3) 2. 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Explanation of Responses:

- 1. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/17/2013. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/19/2013.
- 2. Shares reported include unvested Restricted Stock Units (RSUs).
- 3. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/15/2011. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/19/2011.
- 4. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/14/2010. $Acquisition \ of the \ RSU \ was \ previously \ reported \ in \ Table \ I \ of \ reporting \ person's \ Form \ 4 \ on \ 12/16/2010.$
- 5. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/18/2012. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/20/2012.

By: Erik Lichter For: François Locoh-Donou

09/24/2014

** 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.