CIENA CORP Form 4/A February 24, 2014

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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obligations

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Locoh-Donou Francois			2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	t) (Middle)	3. Date of Earliest Transaction	(Check all applicable)		
C/O CIENA CORPORATION, 7035 RIDGE RD.			(Month/Day/Year) 02/14/2014	Director 10% OwnerX Officer (give title Other (specify below) SVP, Global Products Group		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
HANOVER, MD 21076-1426			02/18/2014	_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Transaction Date 2A. Deemed Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Transaction(A) or Dispose Code (Instr. 3, 4 and (Instr. 8)			5. Amount of Securities Beneficially Owned 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	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	02/14/2014		M	5,357	A	\$ 22.96	229,070 (1)	D	
Common Stock	02/14/2014		M	5,857	A	\$ 23.73	234,927 (1)	D	
Common Stock	02/14/2014		S(2)	5,357	D	\$ 24.35	229,570 (1)	D	
Common Stock	02/14/2014		S(2)	5,857	D	\$ 24.35	223,713 (1)	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		7. Title and Amount Underlying Securitie (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 22.96	02/14/2014		M	5,357	(3)	05/26/2014	Common Stock	5,35
Non-Qualified Stock Option (right to buy)	\$ 23.73	02/14/2014		M	5,857	(3)	06/14/2014	Common Stock	5,85

Reporting Owners

Reporting Owner Name / Address	Relationships						
• 0	Director	10% Owner	Officer	Other			
Locoh-Donou François			SVP, Global				
C/O CIENA CORPORATION 7035 RIDGE RD.			Products				
HANOVER. MD 21076-1426			Group				

Signatures

By: Erik Lichter For: Francois 02/21/2014 Locoh-Donou

> **Signature of Reporting Person Date

Explanation of Responses:

- 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).
- (1) Shares reported include unvested Restricted Stock Units (RSUs).
- (2) Sales were effected pursuant to Rule 10b5-1 trading plan dated 1/7/14.

Reporting Owners 2

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(3) Option is fully vested.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.