## FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden 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

1. Name and Address of Reporting Person* FRODSHAM JAMES						2. Issuer Name and Ticker or Trading Symbol CIENA CORP [ CIEN ]									Check	all app	olicable)		o Issuer 6 Owner er (specify
(Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD.					3. Date of Earliest Transaction (Month/Day/Year) 03/16/2015										X	belov	v) ``	bel Strategy O	ow)
(Street) HANOVER MD 21076-14 (City) (State) (Zip)			26	4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									i. Individual or Joint/Group Filing (Check Applicable ine)  X Form filed by One Reporting Person  Form filed by More than One Reporting  Person					
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3)  2. Transac Date (Month/Da						Execution				Transaction Code (Instr.		Securities Acquired (A) sposed Of (D) (Instr. 3, 4			and 5) Secu Bene		cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect
									Code	v	Amount	(A) (D)	or	Price		Transaction(s) (Instr. 3 and 4)			(,
Common Stock 03/16/2					/2015	2015			S		5,000		D \$21.2		253 154,227 <sup>(1)</sup>		D		
	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	rcise (Month/Day/Year) if any if (Month/D tive		n Date, Transacti Code (Ins			of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Exercisable Expiration Date			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)  Amount or Number of Shares		nstr. 3 nount mber	8. Price of Derivative Security (Instr. 5)		9. Number of derivative Securities Beneficially Owned Following Reported Transactions (Instr. 4)	Ownersh Form: Direct (D or Indire (I) (Instr.	Beneficial Ownership t (Instr. 4)

## **Explanation of Responses:**

1. Shares reported include unvested Restricted Stock Units (RSUs).

By: Erik Lichter For: James A. Frodsham

03/17/2015

\*\* 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.