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							
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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

1. Name and Address of Reporting Person* FRODSHAM JAMES						2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]									Check	all app	licable)	g Person	Person(s) to Issuer 10% Owner Other (specify	
(Last) C/O CIEI 7035 RII		3. Date of Earliest Transaction (Month/Day/Year) 07/17/2017										X	belov							
(Street) HANOVER MD 21076-142 (City) (State) (Zip)			26	4. If										Individual or Joint/Group Filing (Check Applicable Line) 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/Date)						Ex Day/Year) if a		2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Disposed Code (Instr. 5)		ities Acquired (A) d Of (D) (Instr. 3, 4			4 and S		5. Amount of Securities Beneficially Owned Following Reported		rship irect direct 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
						Code	v	Amount	((A) or (D)	Price		Transa	Transaction(s) (Instr. 3 and 4)			(1130.4)			
Common	7/2017				S		2,000	(1) D \$		\$25	5.7 159,247 ⁽²⁾		9,247(2)	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)	titive Conversion Date Execution ity or Exercise (Month/Day/Year) if any		n Date, ay/Year)	4. Transaction Code (Instr. 8)		n of Deriv	r osed) r. 3, 4	Expiration (Month/IIII	Date Exercisable and Expiration Date Month/Day/Year) Date Expiration Date Expiration Date			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) Amoun or Numbe of Title Shares				9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Own Forn Direc or In (I) (Ir	ership n: ct (D) direct istr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	

Explanation of Responses:

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 9/14/2016.
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Griswold For:

07/17/2017

<u>James A Frodsham</u>

** 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.

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