## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549

Check this box if no longer subject to	STATEMENT O
Section 16. Form 4 or Form 5	
obligations may continue. See	
Instruction 1(b).	Filed pursua

## F 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

Name and Address of Reporting Person*     FRODSHAM JAMES						2. Issuer Name and Ticker or Trading Symbol  CIENA CORP [ CIEN ]								Check	all app	olicable)		Ssuer Owner (specify
(Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD.				3. Date of Earliest Transaction (Month/Day/Year) 07/16/2018								X	belov	w) `	below Strategy Offi	<i>I</i> )		
(Street) HANOVER MD 21076-1426 (City) (State) (Zip)				_ 4. II	4. If Amendment, Date of Original Filed (Month/Day/Year)								Individual or Joint/Group Filing (Check Applicable ine)  X Form filed by One Reporting Person Form filed by More than One Reporting Person					
		Tabl	e I - I	Non-Deriv	ative	Secu	uritie	s Ad	cquir	ed, D	isposed o	f, or E	Benefici	ally (	Owne	ed		
1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Ye				Execution Date,					Acquired (A) or (D) (Instr. 3, 4 an		d 5) Secu Bend		ficially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
									v	Amount	(A) or (D)	Price	Tran		action(s) . 3 and 4)		(111501.4)	
Common Stock 07/16/20					018	18			S		2,000(1)	D	\$26.98	5.9875 <sup>(2)</sup>		51,498 <sup>(3)</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	3. Transaction Date (Month/Day/Year)	Execu if any	eemed Ition Date, h/Day/Year)	4. Transa Code ( 8)		5. Nu of Deriv Secu Acqu (A) of Dispo of (D) (Instr and 5	ative rities ired osed	Expir (Mon	ration I hth/Day	(Year)	7. Title Amour Securit Underl Derivat Securit and 4)	nt of ties ying			9. Number of derivative Securities Beneficially Owned Following Reported Transaction( (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)

## **Explanation of Responses:**

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 1/11/2018.
- 2. Reflects the weighted average sales price with transactions in a range of sales from \$26.89 to \$27.04. Upon request by the SEC, full information regarding the number of shares sold at each separate sales price will be provided.
- 3. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Rankin For: James A. Frodsham

07/17/2018

\*\* 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.