## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

C. 20549

Check this box if no longer subject to	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP
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

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*     Rothenstein David M					2. Issuer Name <b>and</b> Ticker or Trading Symbol  CIENA CORP [ CIEN ]									Check	all app	olicable) ctor	10% (	ssuer Owner (specify	
(Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD.				3. Date of Earliest Transaction (Month/Day/Year) 10/15/2019										X	belov				
(Street) HANOVER MD 21076-1426 (City) (State) (Zip)				4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person					
	Tabl	e I - No	n-Deriv	ative	Sec	curitie	s Acq	uired,	Dis	posed o	f, oı	r Ben	efici	ally (	Owne	ed			
Date				2. Transaction Date (Month/Day/Year)			2A. Deemed Execution Date, if any (Month/Day/Year)								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)	
									v	Amount		(A) or (D)	Price		Transaction(s) (Instr. 3 and 4)			(111341.4)	
Common Stock 1				10/15/2019				S		2,000	) <sup>(1)</sup> D \$3		\$37	'.73	73 267,633 <sup>(2)</sup>		D		
	Та														vned				
Derivative Conversion Date Execution Security or Exercise (Month/Day/Year) if any		Execution if any	Date,	Code (Instr.		n of r. Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration (Month/E	Amour or Numbe			Deriv	rivative curity str. 5)	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
	(Fin Dave (Fin NA CORPO) DGE RD.  ER M (St  Security (Inst  Stock	Stein David M  (First) ( NA CORPORATION DGE RD.  TER MD 2  (State) (  Tabl  Security (Instr. 3)  Stock  Tabl  2. Conversion or Exercise Price of Derivative (Month/Day/Year)	(First) (Middle)  (First) (Middle)  NA CORPORATION  DGE RD.  TER MD 21076-14  (State) (Zip)  Table I - Note  Security (Instr. 3)  Stock  Table II - I  Conversion or Exercise Price of Derivative (Month/Day/Year)  Table II - I  A. Deem Execution if any (Month/Day/Year)  (Month/Day/Year)	(First) (Middle)  NA CORPORATION DGE RD.  Table I - Non-Deriv  Security (Instr. 3)  Stock  Table II - Derivat (e.g., pt. Conversion or Exercise Price of Derivative (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  A. Deemed Execution Date, if any (Month/Day/Year)	Stein David M  (First) (Middle)  NA CORPORATION  DGE RD.  Table I - Non-Derivative  Security (Instr. 3)  Table II - Derivative S (e.g., puts, composed perivative of Derivative (Month/Day/Year)  2. 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Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, and fany (Month/Day/Year)  3. Date of Earliest Transat 10/15/2019  4. If Amendment, Date of Earliest Transation Date of Execution Date in the properties of Date (Month/Day/Year)  Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, and fany (Month/Day/Year)  Stock  10/15/2019  Table II - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)  Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	Stein David M  (First) (Middle)  NA CORPORATION  DGE RD.  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Table I - Non-Derivative Securities Acquired, Disposed of, or Exercise Price of Derivative Securities Acquired (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or (e.g., puts, calls, warrants, options, convertible security (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or Exercise Price of Derivative (Month/Day/Year)  3. 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Table I - Non-Derivative Securities Acquired, Disposed of, or Benefical Execution Date, if Month/Day/Year)  (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5)  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3)  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5)  Amount of Code (Instr. 3)  CIENA CORP [ CIEN ]  3. Date of Earliest Transaction (Month/Day/Year)  (Month/Day/Year)	Cience   C	CIENA CORP   CIEN   Check all app   Composition   Conversion   Conve	CIENA CORP   CIEN   Check all applicable   Director   Check all applicable   Director   Check all applicable   Director   Conversion of Exercisor   Conversion of Exercisor	CIEN A CORP   CIEN   Check all applicable   Director   10% of Di	

## **Explanation of Responses:**

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 12/21/2018.
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Erik Lichter For: David M. Rothenstein

10/16/2019

\*\* 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.