FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

- 1		
	OMB Number:	3235-0287
	Estimated average burd	en
	hours per response:	0.5

OMB APPROVAL

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

Name and Address of Reporting Person*  Destination Description						2. Issuer Name and Ticker or Trading Symbol CIENA CORP [ CIEN ]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Rothenstein David M						Sizzi Contra [ Circi ]										Direc	ctor	10%	Owner	
						2. Data of Fordinal Transaction (Marth (Davidson))									X	Offic belov	er (give title w)	Othe belov	r (specify v)	
(Last) (First) (Middle)							3. Date of Earliest Transaction (Month/Day/Year)										Sr VP Gen	eral Counse		
C/O CIENA CORPORATION						02/15/2019											JI. VI, GCI	icitii Gotilisci		
7035 RIDGE RD.																				
/USS KIDGE KD.					4 15	4 If Amandment Date of Oviginal Filed (Month/D-:-//)									C. Ladicida al an InicatiOnna Ellina (Obsala to 11 11					
(64-4)					-   <sup>4. lī</sup>	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) HANOVER MD 21076-14			26											X Form filed by One Reporting Person						
				.											Form filed by More than One Reporting Person					
(City)	(St	ate) (	Zip)																	
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1. Title of S	Security (Inst	r. 3)		2. Transa	action					3. 4. Securities Acquired (A)								6. Ownership	7. Nature	
				Date (Month/D	Day/Vea	Execution Date, if any			Transaction Disposed Of (D) (Instr. 3 Code (Instr. 5)			3, 4 ar			ities icially	Form: Direct (D) or Indirect	of Indirect Beneficial			
(MC				(MOIILIAE			(Month/Day/Year)							Owned		d Following   (	(I) (Instr. 4)	Ownership		
													(A) or Price		Reported Transaction				(Instr. 4)	
						Code	٧	Amount		(A) 01 (D)	Price		(Instr. 3 and 4)							
Common Stock 02/15/						/2019					2,000(1	1)	D	\$39.97		289,498(2)		D		
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1. Title of	2.	3. Transaction	3A. Deemed		4.		5. Number		6. Date Exercisable and			7. Title and			8. Price o		9. Number o	f 10.	11. Nature	
Derivative	Conversion	Date (Month/Day/Year)	Execution		Transa		on of		Expiration Date A (Month/Day/Year) S			Am	Amount of		Derivative Security (Instr. 5)		derivative	Ownership	of Indirect	
Security (Instr. 3)	or Exercise Price of		if any (Month/Da		Code ( 8)	Instr.						Securities Underlying					Securities Beneficially	Form: Direct (D)	Beneficial Ownership	
(iiisti. 5)	(Instr. 3) Price of (Montr			ay, rear,	٥,	9)		Acquired		Derivati						Owned		or Indirect	(Instr. 4)	
	Security					(A) or Security (Instr							str. 3	3		Following	(I) (Instr. 4)	Ι΄ ΄		
					Disposed of (D)			and 4)							Reported Transaction	(s)				
					(1		(Instr. 3, 4									(Instr. 4)	( )			
				Ĺ		and 5)														
								T					Am	ount				- 1		
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					Code	v	(A)	(D)	Exercisa		Date	Title	e Sha	ares				- 1		

## **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: Michelle Rankin For:
David M Rothenstein

02/15/2019

\*\* 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.