SMITH GARY B Form 4 March 21, 2019

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB 3235-0287 Number:

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average burden hours per

Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

response... 0.5

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * SMITH GARY B			2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First) (Middle)		3. Date of Earliest Transaction	(Check all applicable)			
C/O CIENA CORPORATION, 7035 RIDGE RD.		ΓΙΟΝ, 7035	(Month/Day/Year) 03/20/2019	_X_ Director 10% Owner Specify below)			
(Street) HANOVER, MD 21076-1426			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
			Filed(Month/Day/Year)				

(City)	(State)	Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	03/20/2019		F	2,651 (1)	D	\$ 37.92	576,563 <u>(2)</u>	D	
Common Stock	03/20/2019		F	2,625 (3)	D	\$ 37.92	573,938 (2)	D	
Common Stock	03/20/2019		F	2,851 (4)	D	\$ 37.92	571,087 (2)	D	
Common Stock	03/20/2019		F	3,754 (5)	D	\$ 37.92	567,333 (2)	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title an	d 8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration Da	ate	Amount of	f Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlying	g Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securities	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3 ar	nd 4)	Own
	Security				Acquired					Follo
	•				(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
								Δm	nount	
								or	lount	
						Date	Expiration		mber	
					Exercisable	Date	of	illoci		
				Code V	(A) (D)			Sha	ares	

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

SMITH GARY B C/O CIENA CORPORATION 7035 RIDGE RD. HANOVER, MD 21076-1426

X President, CEO

Signatures

By: Michelle Rankin For: Gary B.

Smith 03/21/2019

> **Signature of Reporting Person Date

Explanation of Responses:

- 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).
- Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated 12/15/2015. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/17/2015.
- Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs). **(2)**
- Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award (3)agreement dated 12/18/2018. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/20/2018.
- Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award **(4)** agreement dated 12/14/2016. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/16/2016.

(5)

Reporting Owners 2

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Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated 12/12/2017. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/14/2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.