CIENA CORP Form 4 January 30, 2007

FORM 4

Form 4 or

obligations

may continue.

See Instruction

Form 5

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

Check this box if no longer subject to Section 16.

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

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 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

Issuer

CIENA CORP [CIEN]

(First) (Middle) (Last) 3. Date of Earliest Transaction

(Zip)

(Month/Day/Year) 01/27/2007

C/O CIENA CORPORATION, 1201 WINTERSON ROAD

(Street)

(State)

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

5. Relationship of Reporting Person(s) to

(Check all applicable)

_X__ Director 10% Owner

X_ Officer (give title Other (specify below)

PRESIDENT, CEO

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(D) or

Indirect (I)

(Instr. 4)

6. Ownership 7. Nature of

Beneficial

Ownership

(Instr. 4)

Form: Direct Indirect

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

LINTHICUM,, MD 21090

(City)

Stock

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

Amount

(A)

(D)

Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) Price

5. Amount of

Common 1,113 \$ 01/27/2007 F D 96,599 D (1) 28.78

Code V

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)			7. Title a Amount of Underlying Securities (Instr. 3 a	ount of erlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 0	Director	10% Owner	Officer	Other			
SMITH GARY B							
C/O CIENA CORPORATION	X		PRESIDENT, CEO				
1201 WINTERSON ROAD	Λ	rkesident, ceo					
LINTHICUM,, MD 21090							

Signatures

By: Erik Lichter For: Gary B Smith 01/30/2007

**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).

Shares reported represent the amount forfeited to cover the tax liabilities of the reporting person pursuant to a restricted stock unit (RSU) (1) award agreement. The RSU vests at the end of Ciena's fiscal quarters over a four year term and shares are issued net of taxes upon vesting. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 filed on November 3, 2005.

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.

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