CIENA CORP Form 4 September 01, 2006

FORM 4

Check this box

if no longer

subject to

Form 5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

Section 16. Form 4 or obligations

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).

(City)

(State)

(7:m)

(Print or Type Responses)

may continue.

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **SMITH GARY B** Issuer Symbol CIENA CORP [CIEN] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title Other (specify C/O CIENA CORPORATION, 1201 08/31/2006 below) WINTERSON ROAD President and CEO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting LINTHICUM, MD 21090 Person

(City)	(State)	Table	e I - Non-D	Perivative Se	ecuriti	es Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution Date, if any	3. Transaction Code	on(A) or Disp	Securities Acquired A) or Disposed of (D) nstr. 3, 4 and 5)		5. Amount of Securities Beneficially	6. Ownership Form: Direct	7. Nature of Indirect Beneficial
		(Month/Day/Year)	(Instr. 8) Code V	Amount	(A) or (D)	Price	Owned Following Reported Transaction(s) (Instr. 3 and 4)	(D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock	08/31/2006		A	175,000 (1)	A	\$ 0	527,591	D	
Common Stock	08/31/2006		F	64,053 (2)	D	\$ 3.95	463,538	D	

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.

Edgar Filing: CIENA CORP - Form 4

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		4.	5.	6. Date Exer		7. Title a		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if		onNumber	Expiration D		Amount		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	_	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	,				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(IIISti
					4, and 5)						
					4, and 3)						
								A	mount		
						D.	E	01	r		
						Date	Expiration	Title N	umber		
						Exercisable	Date	of			
				Code V	(A) (D)				hares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
SMITH GARY B C/O CIENA CORPORATION 1201 WINTERSON ROAD LINTHICUM, MD 21090	X		President and CEO				
Cianaturas							

Signatures

/s/Gary B. Smith by Anita Weiskerger per 09/01/2006 **POA**

> **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 reflect the satisfaction of performance criteria and vesting in full on August 31, 2006 of a Performance Stock Unit (PSU) **(1)** award granted on November 1, 2005.
- (2) Shares reported represent the amount forfeited to cover the tax liabilities of the grantee pursuant to the PSU award agreement.

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.

Reporting Owners 2