CIENA CORP Form 4 June 25, 2008

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

Estimated average burden hours per

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

response... 0.5

Form 4 or 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

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

(Ctata)

1. Name and Address of Reporting Person * SMITH ARTHUR D			2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
C/O CIENA CORPORATION, 1201 WINTERSON ROAD (Street)			(Month/Day/Year) 06/24/2008	Director 10% Owner _X Officer (give title Other (specifielow) CHIEF OPERATING OFFICER			
			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
LINTHICUN	M., MD 2109	90		Form filed by More than One Reporting			

(City)	(State)	(Zip) Tab	le I - Non-	Derivative S	Secui	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. Transactic Code (Instr. 8)		ed of and :	(D)	Securities Competition of the securities Beneficially Found Following Reported Competition of the securities of the secu	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V		or (D)	Price	(Instr. 3 and 4)		
Common Stock	06/24/2008		S(1)	9,000	D	25.0849 (2)	94,276	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.

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
									Amount		
							Expiration Date		or		
								Title	Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

SMITH ARTHUR D C/O CIENA CORPORATION 1201 WINTERSON ROAD LINTHICUM,, MD 21090

CHIEF OPERATING OFFICER

Signatures

By: Erik Lichter For: Arthur D. 06/25/2008 Smith

**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).
- (1) Sales were effected pursuant to Rule 10b5-1 trading plan dated 3/19/07.

Reflects the average sale price of the total shares sold. Actual sale prices are as follows: 100 shares at \$25.36; 100 shares at \$25.35; 100 shares at \$25.32; 100 shares at \$25.31; 200 shares at \$25.30; 300 shares at \$25.29; 300 shares at \$25.28; 900 shares at \$25.27; 300 shares at \$25.25; 300 shares at \$25.23; 200 shares at \$25.22; 100 shares at \$25.20; 100 shares at \$25.19; 300 shares at \$25.18; 100 shares at

\$25.17; 100 shares at \$25.16; 100 shares at \$25.15; 200 shares at \$25.14; 100 shares at \$25.13; 400 shares at \$25.12; 200 shares at \$25.11; 100 shares at \$25.06; 300 shares at \$25.09; 300 shares at \$25.08; 100 shares at \$25.07; 100 shares at \$25.06; 300 shares at \$25.05; 100 shares at \$25.02; 300 shares at \$25.01; 300 shares at \$25.00; 100 shares at \$24.99; 100 shares at \$24.98; 100 shares at \$24.97; 200 shares at \$24.93; 100 shares at \$24.91; 200 shares at \$24.89; 400 shares at \$24.86; 100 shares at \$24.85; 100 shares at \$24.84; 300 shares at \$24.81; 100 shares at \$24.80; 400

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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