

SMITH ARTHUR D

Form 4

December 10, 2007

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
SMITH ARTHUR D

(Last) (First) (Middle)

C/O CIENA CORPORATION, 1201
WINTERSON ROAD

(Street)

LINTHICUM,, MD 21090

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
CIENA CORP [CIEN]

3. Date of Earliest Transaction
(Month/Day/Year)
12/07/2007

4. If Amendment, Date Original
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
____X____ Officer (give title ____ Other (specify
below) below)

CHIEF OPERATING OFFICER

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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 (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	12/07/2007		M	2,514 A	\$ 16.52 56,406	D	
Common Stock	12/07/2007		M	1,785 A	\$ 19.95 58,191	D	
Common Stock	12/07/2007		S ⁽¹⁾	4,299 D	\$ 43.6377 53,892	D	
					⁽²⁾		

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

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information contained in this form are not
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SEC 1474
(9-02)

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

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 16.52	12/07/2007		M	2,514	<u>(3)</u> 11/02/2015	Common Stock	2,514
Non-Qualified Stock Option (right to buy)	\$ 19.95	12/07/2007		M	1,785	<u>(4)</u> 12/10/2014	Common Stock	1,785

Reporting Owners

Reporting Owner Name / Address	Relationships			
	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. Smith 12/10/2007

__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).

(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 sales prices are as follows: 1,499 shares at \$43.80; 100 shares at \$43.76;

(2) 1,000 shares at \$43.61; 135 shares at \$43.55; 100 shares at \$43.54; 100 shares at \$43.53; 100 shares at \$43.52; 900 shares at \$43.50; 165 shares at \$43.49; 10 shares at \$43.47; and 190 shares at \$43.46.

(3)

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Option vests at a rate of 25% on the last day of the month of the one year anniversary of the grant date and 2.084% for each of the 36 months thereafter.

(4) Option is fully vested.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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