

PETRIK ANDREW C
 Form 4
 June 19, 2007

FORM 4

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
PETRIK ANDREW C

(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)
06/15/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

VP, CONTROLLER

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)		
			Code	V	Amount	(D)	Price		
Common Stock	06/15/2007		M		1,583	A	\$ 17.43	16,735	D
Common Stock	06/15/2007		M		3,459	A	\$ 16.87	20,194	D
Common Stock	06/15/2007		M		1,428	A	\$ 19.95	21,622	D
Common Stock	06/15/2007		M		2,053	A	\$ 16.52	23,675	D
Common Stock	06/15/2007		M		10,714	A	\$ 22.96	34,389	D

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Common Stock	06/15/2007	M	2,154	A	\$ 25.06	36,543	D
Common Stock	06/15/2007	S	21,391	D	\$ <u>(1)</u>	15,152	D

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

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(9-02)

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 of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 16.52	06/15/2007		M	2,053	<u>(2)</u>	06/10/2015	Common Stock	2,053
Non-Qualified Stock Option (right to buy)	\$ 16.87	06/15/2007		M	3,459	<u>(2)</u>	10/26/2014	Common Stock	3,459
Non-Qualified Stock Option (right to buy)	\$ 17.43	06/15/2007		M	1,583	<u>(2)</u>	10/26/2015	Common Stock	1,583
Non-Qualified Stock Option (right to buy)	\$ 19.95	06/15/2007		M	1,428	<u>(3)</u>	12/10/2014	Common Stock	1,428
Non-Qualified Stock Option (right to buy)	\$ 22.96	06/15/2007		M	10,714	<u>(3)</u>	05/31/2014	Common Stock	10,714
Non-Qualified Stock Option (right to buy)	\$ 25.06	06/15/2007		M	2,154	<u>(3)</u>	05/18/2014	Common Stock	2,154

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
PETRIK ANDREW C C/O CIENA CORPORATION 1201 WINTERSON ROAD LINTHICUM,, MD 21090			VP, CONTROLLER	

Signatures

By: Erik Lichter For: Andrew C.
Petrik

06/19/2007

__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).

- Reflects the average sale price of the total shares sold. Actual sales prices are as follows: 200 shares at \$35.09; 701 shares at \$35.05;
- (1) 3,239 shares at \$35.02; 3,560 shares at \$35.00; 1,100 shares at \$34.63; 1,800 shares at \$34.62; 1,300 shares at \$34.61; and 9,491 shares at \$34.60.
 - (2) 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.
 - (3) Option is fully vested. On October 26, 2005, the Board of Directors accelerated the vesting of Ciena's then unvested, "out-of-the-money" stock options.

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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