CIENA CORP Form 4 June 20, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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if no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

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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

See Instruction 1(b).

(Print or Type Responses)

CHINNICI JOSEPH R		rting Person <u>*</u>	2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]	S. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
C/O CIENA CORPORATION, 1201			02/26/2007	X Officer (give title Other (specify below)			
WINTERSO	N ROAD			SR VP FINANCE, CFO			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
LINTHICUM,, MD 21090				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispo (Instr. 3,	sed of 4 and (A) or		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	06/20/2007		M	2,232	A	\$ 16.52	39,567	D	
Common Stock	06/20/2007		S <u>(1)</u>	2,232	D	\$ 34.9822 (2)	37,335	D	
Common Stock	02/26/2007		G	315	D	\$ 0	7,861	I	by Trust
Common Stock	06/20/2007		S <u>(1)</u>	7,860	D	\$ 35.0073	1	I	by Trust

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

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number.

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. 5. Number Transaction Derivative Code Securities (Instr. 8) 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 Securitie (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amour or Number of Shares
Non-Qualified Stock Option (right to buy)	\$ 16.52	06/20/2007		M	2,232	<u>(5)</u>	11/02/2015	Common Stock	2,23

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

CHINNICI JOSEPH R C/O CIENA CORPORATION 1201 WINTERSON ROAD LINTHICUM,, MD 21090

SR VP FINANCE, CFO

Signatures

By: Erik Lichter For: Joseph R. 06/20/2007 Chinnici

> **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 12/19/06.
- Reflects the average sale price of the total shares sold. Actual sales prices are as follows: 1000 shares at \$35.01; 700 shares at \$35.00; 200 shares at \$34.99; 200 shares at \$34.86; and 132 shares at \$34.85.
- (3) Susan Elizabeth Chinnici Revocable Trust, of which the reporting persion's spouse is the beneficiary.

(4)

Reporting Owners 2

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Reflects the average sale price of the total shares sold. Actual sales prices are as follows: 860 shares at \$35.01; 1600 shares at \$35.09; 900 shares at \$35.05; 500 shares at \$35.04; 1000 shares at \$35.01; 900 shares at \$35.00; 200 shares at \$34.99; 238 shares at \$34.90; 300 shares at \$34.89; 300 shares at \$34.88; 662 shares at \$34.86; and 400 shares at \$34.85.

(5) Option vests in equal amounts over 48 months beginning on November 1, 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.