CIENA CORP Form 4 July 30, 2007

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

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

Estimated average burden hours per 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).

(City)

(State)

(Zin)

(Print or Type Responses)

1. Name and Address of Reporting Person * Aquino Michael Gerald		Symbol	r Name and Ticker or Trading CORP [CIEN]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (Midd	(Month/I	f Earliest Transaction Day/Year)	(Check all applicable) Director 10% Owner _X_ Officer (give title Other (specify			
WINTERSON ROAD		¥ 11 = 21 =		below) below) SR VP. Worldwide Sales			
	(Street)		endment, Date Original nth/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
LINTHICUM,, MD 21090				Form filed by More than One Reporting Person			

(City)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Ov							ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	Acquired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Dispo	sed of (D)	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 aı	nd 5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)			Owned	Indirect (I)	Ownership
						Following	(Instr. 4)	(Instr. 4)
				(A	`	Reported		
				(A		Transaction(s)		
			Code V	Amount (E		(Instr. 3 and 4)		
Common Stock	07/28/2007		F	218 (1) D	\$ 36.21	37,819	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 a	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	Year)	Underlyi	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr. 3	and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								٨	mount		
						Date Exercisable	Expiration Date	or Title Num of			
				Code V	(A) (D)				hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Aquino Michael Gerald C/O CIENA CORPORATION 1201 WINTERSON ROAD LINTHICUM,, MD 21090

SR VP. Worldwide Sales

Signatures

By: Erik Lichter For: Michael G.

Aquino 07/30/2007

> **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).

Shares reported represent the amount forfeited to cover the tax liabilities of the reporting person pursuant to a restricted stock unit (RSU) award agreement dated June 1, 2006. The RSU vests at the end of Ciena's fiscal quarters over a four year year term and shares are issued net of taxes upon vesting. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 filed on June 8, 2006.

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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