Aquino Michael Gerald Form 4 May 05, 2008

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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OMB APPROVAL

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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

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person * Aquino Michael Gerald

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol

(Middle)

CIENA CORP [CIEN]

3. Date of Earliest Transaction

(Check all applicable)

C/O CIENA CORPORATION, 1201

(Month/Day/Year)

Director 10% Owner X_ Officer (give title Other (specify

05/03/2008

below) SR VP. Worldwide Sales

WINTERSON ROAD

(Street)

(First)

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

F

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

D

Person

LINTHICUM,, MD 21090

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

Common

Stock

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) (Instr. 4)

Ownership (Instr. 4)

(9-02)

(A) or

Transaction(s) (Instr. 3 and 4)

05/03/2008

Code V Amount (D) Price 218 (1) D

\$ 33 75,526

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 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. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative Securities			Securities (Instr. 3 and 4)	(Instr. 5)	Bene	
	Derivative								3 and 4)		Own
	Security				Acquired	Acquired (A) or					Follo
					(A) or						Repo
					Disposed						Trans
		of (D)							(Instr		
					(Instr. 3,						
					4, and 5)						
									Amount		
								or			
						Date Exercisable	Expiration Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

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 05/05/2008

> **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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