Aquino Michael Gerald Form 4 March 28, 2008

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

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

burden hours per 0.5 response...

Estimated average

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address Aquino Michael C	of Reporting Person * Gerald	2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (F	irst) (Middle)	3. Date of Earliest Transaction	(Check all applicable)		
		(Month/Day/Year)	Director 10% Owner		
C/O CIENA COR WINTERSON RO	PORATION, 1201 DAD	03/27/2008	_X_ Officer (give title Other (specify below) SR VP. Worldwide Sales		
(St	treet)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
LINTHICUM,, M	D 21090	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secui	ities Acquir	ed, Disposed of,	or Beneficially	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired (A) tiomr Disposed of (D) (Instr. 3, 4 and 5) (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	03/27/2008		Code V S	Amount 58	(D)	Price \$ 31.5	87,645	D	
Common Stock	03/27/2008		S	100	D	\$ 31.5025	87,545	D	
Common Stock	03/27/2008		S	1	D	\$ 31.51	87,544	D	
Common Stock	03/27/2008		S	100	D	\$ 31.515	87,444	D	
Common Stock	03/27/2008		S	10,200	D	\$ 31.5175	77,244	D	

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Common Stock	03/27/2008	S	1,400	D	\$ 31.52	75,844	D
Common Stock	03/27/2008	S	100	D	\$ 31.535	75,744	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 required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Ni Deriv Secu Bene Own Follo Repo Trans (Insti

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. Transactic Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Secur (Instr.	int of lying	8. Price of Derivative Security (Instr. 5)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address			Relationships	
	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 03/28/2008

**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).

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

Reporting Owners 2

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