O NEIL ROBERT A

Form 4

January 05, 2005

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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Check this box

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).

(Print or Type Responses)

WINTERSON ROAD

1.Title of

Security

(Instr. 3)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading O NEIL ROBERT A Issuer Symbol CIENA CORP [CIEN] (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year)

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

(Check all applicable)

VP Sales, Data Networking Grp

(Instr. 4)

(Instr. 4)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

01/03/2005

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

(Zip)

LINTHICUM, MD 21090 (City) (State)

C/O CIENA CORPORATION, 1201

2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect Code (D) Beneficially (D) or Beneficial Indirect (I) Ownership (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned

> Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

Following

Common 01/03/2005 S 1.139 D 231,012 (1) D 3.39 Stock

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				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

O NEIL ROBERT A C/O CIENA CORPORATION 1201 WINTERSON ROAD LINTHICUM, MD 21090

VP Sales, Data Networking Grp

Signatures

/s/Robert O'Neil by Anita Weiskerger per POA 01/05/2005

**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) 86,085 shares are restricted and are held in a book account at the Transfer Agent, which shares will vest and be distributed monthly to Mr. O'Neil through November 18, 2005; and 144,927 shares are held by Mr. O'Neil without restriction.

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.

Reporting Owners 2