CIENA CORP Form 4 March 17, 2006

FORM 4

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

Check this box if no longer subject to

Section 16. Form 4 or

Form 5 obligations may continue. See Instruction 1(b).

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

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)

(Last)

Common

Stock

1. Name and Address of Reporting Person * **CASH HARVEY B**

(First)

Symbol

CIENA CORP [cien]

2. Issuer Name and Ticker or Trading

3. Date of Earliest Transaction

(Month/Day/Year) 13455 NOEL ROAD, SUITE 1670 03/15/2006

> (Street) 4. If Amendment, Date Original

(Middle)

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Issuer

(Check all applicable)

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

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

DALLAS, TX 75240

(City) (State) (Zip)

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

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

03/15/2006

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

4. Securities

Securities Beneficially Owned Following Reported Transaction(s)

5. Amount of

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

(A)

(D) Price

Code V Amount 7,500

(1)

A

\$0

386,398 (3)

(Instr. 3 and 4)

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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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. Transactio Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (right to	\$ 5.35	03/15/2006		A	22,500	03/15/2007(2)	03/15/2016	Common Stock	22,500

Reporting Owners

Reporting Owner Name / Address	Relationships					
1 8	Director	10% Owner	Officer	Other		
CASH HARVEY B 13455 NOEL ROAD SUITE 1670 DALLAS, TX 75240	X					

Signatures

buy)

/s/Harvey B. Cash by Anita Weiskerger per POA 03/17/2006

**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) Restricted stock unit that vests in full on the one-year anniversary of the grant date.
- (2) The shares vest in full on the one-year anniversary of the grant date.

Includes 221,486 shares of common stock owned by InterWest Partners VI,L.P. and 7,022 shares owned by InterWest Investors VI, L.P. which Mr. Cash may be deemed to beneficially own by virtue of his status as a Managing Director of InterWest Management Partners VI,

(3) LLC, which is the general partner of each limited partnership. Mr. Cash disclaims beneficial ownership of these shares except to the extent of his proportionate partnership interest therein. Also includes 145,000 shares owned by the Harvey B. Cash self-directed IRA, 2,691 shares owned by InterWest Management Profit Sharing Retirement Plan FBO Harvey B. Cash and direct ownership of 10,199 shares

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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