CIENA CORP Form 4 May 01, 2006

## FORM 4

#### OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or Expires: January 31, 2005

Estimated average burden hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person \* 2. Issuer Name and Ticker or Trading STEVENSON RUSSELL B JR Symbol

CIENA CORP [CIEN]

3. Date of Earliest Transaction

(Month/Day/Year) 04/29/2006

C/O CIENA CORPORATION, 1201 04/2 WINTERSON ROAD

(7:-

(Middle)

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner \_\_X\_ Officer (give title \_\_\_\_ Other (specify below)

Sr.V.P., General Counsel & Sec

6. Individual or Joint/Group Filing(Check

Applicable Line)
\_X\_ Form filed by One Reporting Person
\_\_\_ Form filed by More than One Reporting

Person

LINTHICUM, MD 21090

(First)

(Street)

(Ctata)

(City)	(State) (A	Table	I - Non-Do	erivative S	Securi	ities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities Acquired ction(A) or Disposed of (D) 8) (Instr. 3, 4 and 5)		5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect	
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)			5)	Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					(A) or		Reported Transaction(s) (Instr. 3 and 4)	(======================================	(-1321)
Common Stock	04/29/2006		Code V A	Amount 3,302 (1)	(D)	Price \$ 0	108,930	D	
Common Stock	04/29/2006		F	1,698 (2)	D	\$ 4.09	107,232	D	

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

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SEC 1474

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
						Date	Expiration		Or Number		
						Exercisable	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
STEVENSON RUSSELL B JR			Sr.V.P.,				
C/O CIENA CORPORATION			General				
1201 WINTERSON ROAD			Counsel &				
LINTHICUM, MD 21090			Sec				

## **Signatures**

/s/Russell B. Stevenson, Jr. by Anita Weiskerger per 05/01/2006 **POA** 

> \*\*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 as acquired were previously reported in Table I of reporting person's Form 4 filed on November 3, 2005. The amount (1) reported as acquired represents shares that vested on April 29, 2006 and that were not forfeited to cover tax liabilities of the grantee pursuant to the award grant. Represents the second of 16 quarterly vesting dates.
- (2) Shares reported represent the amount forfeited to cover the tax liabilities of the grantee pursuant to the award agreement.

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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