FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-028								
Fatimated average I	hurdon								

0.5

hours per response:

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* SMITH GARY B				2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
						_	•				X	Dire	ctor	10%	Owner		
(Last) (First) (Middle)					3 Date of Farliest Transaction (Month/Day/Vear)							X Officer ((specify	
` '				03/11/2011							PRESIDENT, CEO						
														,			
1201 WINTERSON ROAD			\vdash														
				- 4. I1	4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) LINTHICUM, MD 21090										X	,						
JOIVI, IVI	D 2	21090										Forn	n filed by Mor	e than One Re	porting		
													Pers	son		_	
(St	ate) (∠ıp)															
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
Date				Execution Date,		Transaction Disposed Of (D) (Instr. 3, 4 a Code (Instr.		d (A) or r. 3, 4 and	nd 5) Se Be		rities ficially	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership				
				ļ`	. ,				(A) or	1		Reported Transaction(s)		,,,	(Instr. 4)		
						Code	ľ	Amount	(D)	Price		(Instr. 3 and 4)					
Stock			03/11/20	011			S ⁽¹⁾		4,800	D	\$24.3	838 ⁽²⁾	58	39,986 ⁽³⁾	D		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
			(e.g., p	uts, c	calls,	warrants	, opti	ons,	converti	ble se	curities	5)					
2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Execution Date, if any				5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4	Expiration (Month/Day		Date	7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		Derivative Security (Instr. 5)		derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
	(Final Corporation of Exercise Price of Derivative (Final Corporative Conversion of Exercise Price of Derivative (Final Corporative Corpor	(First) (MA CORPORATION NTERSON ROAD CUM, MD (State) (Mathematical Stock Table Stock 2. Conversion or Exercise Price of Date (Month/Day/Year) (Month/Day/Year)	(First) (Middle) NA CORPORATION NTERSON ROAD CUM, MD 21090 (State) (Zip) Table I - N Security (Instr. 3) Stock Table II 2. Conversion or Exercise Price of Derivative (Month/Day/Year) (Month/Day/Year) Conversion of Exercise (Month/Day/Year) (Month/Day/Year)	(First) (Middle) NA CORPORATION NTERSON ROAD CUM, MD 21090 (State) (Zip) Table I - Non-Derivate (Month/Day/Stock Table II - Derivate (e.g., pinch park (Month/Day/Year) 2. Table II - Derivate (e.g., pinch park (Month/Day/Year)	(First) (Middle) NA CORPORATION NTERSON ROAD CUM, MD 21090 (State) (Zip) Table I - Non-Derivative (Month/Day/Year) Stock 03/11/2011 Table II - Derivative Secution Date (Month/Day/Year) 2. 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Explanation of Responses:

- $1. \ Sales \ were \ effected \ pursuant \ to \ Rule \ 10b5-1 \ trading \ plan \ dated \ January \ 4, \ 2011.$
- 2. Reflects the weighted average sales price with transactions in a range of sales prices from \$23.78 to \$24.97. Upon request by the SEC, full information regarding the number of shares sold at each separate sales price will be provided.

Exercisable

(A) (D)

3. Shares reported include unvested Restricted Stock Units (RSUs).

By: Erik Lichter For: Gary B. Smith

Amount Number

of Shares

Title

Expiration

Date

03/14/2011

** Signature of Reporting Person

Date

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

- * 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).

Code

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.