PETRIK ANDREW C

Form 4

September 23, 2010

FORM 4

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

OMB 3235-0287

OMB APPROVAL

Check this box if no longer subject to

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

Number: January 31, Expires: 2005

0.5

Section 16. 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 response...

Estimated average

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * PETRIK ANDREW C			2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First) (Middle)		3. Date of Earliest Transaction	(Constant of Province)			
1501 HABERSHAM PLACE		CE	(Month/Day/Year) 09/20/2010	Director 10% Owner X Officer (give title Other (specifically) below) VP, CONTROLLER			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CROWNSVII	LLE, MD 210	032	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 S	Secu	rities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transactionor Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	09/20/2010		Code V S	Amount 326 (1)	(D)	Price \$ 15.0909	53,460	D	
Common Stock	09/20/2010		S	1,444 (2)	D	\$ 15.0905	52,016	D	
Common Stock	09/20/2010		S	434 (3)	D	\$ 15.0911	51,582	D	
Common Stock	09/20/2010		S	132 (4)	D	\$ 15.0912	51,450 (5)	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)

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	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

PETRIK ANDREW C 1501 HABERSHAM PLACE CROWNSVILLE, MD 21032

VP, CONTROLLER

Signatures

By: Erik Lichter For: Andrew C

Petrik

09/23/2010

**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 represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related (1) to a restricted stock unit (RSU) award agreement dated 12/18/2006. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/19/06.
- Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related (2) to a restricted stock unit (RSU) award agreement dated 12/16/2008. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/18/2008.
- Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related (3) to a restricted stock unit (RSU) award agreement dated 12/16/2009. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/18/2009.

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- Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related (4) to a restricted stock unit (RSU) award agreement dated 12/18/2007. Acquisition of the RSU was previously reported in Table I of
- (4) to a restricted stock unit (RSU) award agreement dated 12/18/2007. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/20/2007.
- (5) Shares reported include unvested Restricted Stock Units (RSUs).

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.