SEC Form 4	
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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

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

OWR APPRC	JVAL				
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l	Estimated average burden	

1. Name and Addre	ss of Reporting Perso <mark>1 JAMES</mark>	on*	2. Issuer Name and Ticker or Trading Symbol <u>CIENA CORP</u> [CIEN]		ationship of Reporting Pers all applicable) Director	10% Owner
(Last) C/O CIENA CC 7035 RIDGE RI		(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/21/2016	X	Officer (give title below) SR. VP, Chief Strate	Other (specify below) egy Officer
(Street) HANOVER (City)	MD (State)	21076-1426 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filing Form filed by One Repo Form filed by More thar Person	orting Person

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

		······································												
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (I		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)		isposed Of (D) (Instr. 3, 4 and		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(1150.4)				
Common Stock	09/21/2016		S		1,063(1)	D	\$21.45	156,311 ⁽²⁾	D					
Common Stock	09/21/2016		S		490 ⁽³⁾	D	\$21.45	155,821 ⁽²⁾	D					
Common Stock	09/21/2016		S		648(4)	D	\$21.45	155,173 ⁽²⁾	D					
Common Stock	09/21/2016		S		478(5)	D	\$21.45	154,695 ⁽²⁾	D					

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. Transa Code (8)		5. Nu of Deriv Secu Acqu (A) of Dispo of (D) (Instr and 5	rative rities ired r osed) . 3, 4	6. Date Exerc Expiration Da (Month/Day/Y	ate	7. Title Amoun Securi Under Deriva Securi and 4)	nt of ties lying tive ty (Instr. 3	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/18/2012. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/20/2012.

2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

3. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/17/2013. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/19/2013.

4. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/17/2014. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/19/2014.

5. Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/15/2015. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 12/17/2015.

By: Michelle Griswold For:

09/22/2016

Date

** Signature of Reporting Person

James A. Frodsham

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

 \ast 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).

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.