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

ngton, D.C. 20549	OMB APPROVAL

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

OMB APPROVAL							
OMB Number: 3235-0287							
Estimated average burden							
hours ner resnonse.							

Claflin Bruce L.					CIENA CORP [ CIEN ]										k all applicable) Director		10% Owner		)wner	
NA CORPO	· ·	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 03/23/2017										Officer (give title below)			Other (specify below)		
7035 RIDGE RD.					4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable						
			26	-										X Form filed by One Reporting Person Form filed by More than One Reporting Person						
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		le I - Noi	1		_				DIS											
I				2. Iransaction Date (Month/Day/Year)		ZA. Deemed Execution Date, if any (Month/Day/Year)		Transa Code	Transaction Disposed Code (Instr. 5)			Cquired D) (Instr	(A) o	4 and S B O		Securities Beneficially Owned Following		Direct ndirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
								Code	v	Amount		(A) or (D)	Pric	Transaction(s)		action(s)			(11341.4)	
ommon Stock 03/2			03/23	23/2017				A		8,055	055 <sup>(1)</sup> A		\$(	0.0 76,062(2		5,062 <sup>(2)</sup>	D			
	Та														ned					
Security or Exercise (Month/Day/Year) if any		Date,		Transaction Code (Instr. 8)		of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration Date (Month/Day/Year)				ount	Deriv Secui	ivative urity	derivative Securities Beneficially Owned Following Reported	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
	Bruce L.  (Fin NA CORPO) DGE RD.  ER M  (St  Gecurity (Inst  Stock  2.  Conversion or Exercise Price of Derivative	Bruce L.  (First) ( NA CORPORATION DGE RD.  ER MD ( State) ( Table Gecurity (Instr. 3)  Stock  Table Conversion or Exercise Price of Derivative (Month/Day/Year)	Bruce L.  (First) (Middle)  NA CORPORATION  DGE RD.  ER MD 21076-14  (State) (Zip)  Table I - Note of the content of the conte	Bruce L.  (First) (Middle)  NA CORPORATION  DGE RD.  ER MD 21076-1426  (State) (Zip)  Table I - Non-Derivative (e.g., picture of Derivative (Month/Day/Year)  2. Table II - Derivative (Month/Day/Year)	Bruce L.  (First) (Middle)  NA CORPORATION  DGE RD.  ER MD 21076-1426  (State) (Zip)  Table I - Non-Derivative Security (Instr. 3)  2. Transaction Date (Month/Day/Year)  Conversion or Exercise Price of Derivative (Month/Day/Year)  Price of Derivative Security (Month/Day/Year)  2. Table II - Derivative Security (Month/Day/Year)  (Month/Day/Year)  3. Topic II - Derivative Security (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)	Bruce L.  (First) (Middle)  NA CORPORATION  DGE RD.  ER MD 21076-1426  (State) (Zip)  Table I - Non-Derivative Security (Instr. 3)  Stock  2. Transaction Date (Month/Day/Year)  Table II - Derivative Security (e.g., puts, calls of Exercise Price of Derivative Price of Derivative Security (Month/Day/Year)  2. Conversion Of Exercise Price of Derivative Security (Month/Day/Year)  Stock  3. Transaction Date (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  3. Transaction Date (Execution Date, if any (Month/Day/Year) (Month/Day/Year)	Bruce L.  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities  (Month/Day/Year)  Stock  Table II - Derivative Securities (e.g., puts, calls, warr  (Month/Day/Year)  3. Date of Earlies 03/23/2017  4. If Amendment  2A. Deen Executio if any (Month/D Month/D Mont	Bruce L.  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities Accurity (Instr. 3)  Table II - Derivative Securities Acque (e.g., puts, calls, warrants, (Month/Day/Year)  Table II - Derivative Securities Acque (e.g., puts, calls, warrants, (Month/Day/Year)  2.  Table II - Derivative Securities Acque (e.g., puts, calls, warrants, (Month/Day/Year)  3. Date of Earliest Trans 03/23/2017  4. If Amendment, Date of Execution Date, if any (Month/Day/Year)  Table II - Derivative Securities Acque (e.g., puts, calls, warrants, (Month/Day/Year)  3. Date of Earliest Trans 03/23/2017  4. If Amendment, Date of Execution Date, if any (Month/Day/Year)  Table II - Derivative Securities Acque (e.g., puts, calls, warrants, Operivative Securities Acque (a.g., puts, calls, warrants, Operivative Securities Acquired (A) or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4)	CIENA CORP   CIEN	CIENA CORP [ CIEN ]  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities Acquired, Discurity (Instr. 3)  Table II - Derivative Securities Acquired, Discurity (Month/Day/Year)  Table II - Derivative Securities Acquired, Discurity (e.g., puts, calls, warrants, options, calls, wa	CIENA CORP   CIEN	CIENA CORP [ CIEN ]   CIEN   CIEN	CIENA CORP   CIEN	CIENA CORP [ CIEN ]  (First) (Middle)  NA CORPORATION  OGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficial (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (D) (Instr. 3)  2. Transaction (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 a standard fary)  (Code V Amount (A) or Price of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or Beneficiall (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction (Month/Day/Year)  Stock  Table II - Derivative Securities Acquired, Disposed of, or Beneficiall (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction (A) or Price of Original Filed (Month/Day/Year)  Table II - Derivative Securities Acquired, Disposed of, or Beneficiall (e.g., puts, calls, warrants, options, convertible securities)  3. Date of Earliest Transaction (Month/Day/Year)  2. Transaction Date (P.G.) or Beneficiall (A) or Disposed of, or Beneficiall (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction Date (Month/Day/Year)  Odde (Instr. (A) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (A) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (A) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (A) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (A) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (B) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (B) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (B) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (B) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (B) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (B) or Disposed of, or Beneficiall (Month/Day/Year)  Odde (Instr. (B) or Disposed of (D) (Instr. (B) or Disposed of (D) (Instr. (B) or Disposed of (D) (Instr. (B) or Di	CIENA CORP [ CIEN ]  3. Date of Earliest Transaction (Month/Day/Year) 03/23/2017  4. If Amendment, Date of Original Filed (Month/Day/Year)  (State)  (State)  (State)  (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially On Date (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (A) or (D) Price (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction Date (e.g., puts, calls, warrants, options, convertible securities)  2. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Ownersion or Exercise (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (A) or Disposed of, or Beneficially Ownersion or Exercise (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Check X   3. Date of Earliest Transaction (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Check X  4. If Amendment, Date of Original Filed (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Check X   4. If Amendment, Date of Original Filed (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Month/Day/Year)  (Check X   4. If Amendment, Date of Original Filed (Month/Day/Year)  (Month/Day/Yea	CIENA CORP   CIEN   Check all app	CIENA CORP [ CIEN ]  (First) (Middle)  NA CORPORATION OGE RD.  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (D) (Instr. 3, 4 and 5)  Stock  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  (Stock	CIEN A CORP [ CIEN ]  (First) (Middle)  NA CORPORATION OGE RD.  4. If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Forms (A) (Month/Day/Year)  Security (Instr. 3)  2. Transaction [ Month/Day/Year ]  2. Transaction [ Month/Day/Year ]  (Month/Day/Year ]  (Month/Day/Year ]  Stock  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction [ Month/Day/Year ]  (Month/Day/Year )  (Month/Day/Year )  3. Transaction [ Month/Day/Year ]  (Check all applicable)  X. Director Officer (give title below)  6. Individual or Joint/Group Filing (i.x. Year Form filed by More than Conversion (D) (i.x. Year Form filed by More form filed by More form filed by M	CIENA CORP [ CIEN ]  (First) (Middle)  NA CORPORATION  OGE RD.  A. If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Execution Date (Month/Day/Year)  (Month/Day/Year)   Code   N Amount (A) or   Transaction (Month/Day/Year)   Code   N Amount (B)   Price (Instr. 3 and 4)   Securities   Conversion or Exercise   Month/Day/Year)   A B. O.0   To.062(2)   D  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)  2. Transaction   Code   N Amount (A) or   Price   Code   N Amount (B)   Price   Code   N Amount (B)   Price   Code   N Amount (Code   N Amou	

## **Explanation of Responses:**

- 1. Restricted stock units (RSUs) vest in full on the first anniversary of the date of grant.
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Griswold For:
Bruce Claflin

03/24/2017

\*\* 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).

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.