FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number 3235-0287 urden

| OMB Number: | | |
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| Estimated average bu | | |
| hours per response: | | |

| to Section 16. | x if no longer subject Form 4 or Form 5 ay continue. <i>See</i>)). | - | ed pursuant to Section 16(a) of the Securities Exchange Act of 193 or Section 30(h) of the Investment Company Act of 1940 | OMB Number: Estimated average the hours per response: | | |
|-------------------------------|--|---------------------|--|---|--|---|
| MOYLAN (Last) | Iress of Reporting F JAMES E JR (First) CORPORATION RD. | (Middle) | 2. Issuer Name and Ticker or Trading Symbol <u>CIENA CORP</u> [CIEN] 3. Date of Earliest Transaction (Month/Day/Year) 10/05/2020 | (Check all applical Director X Officer (g below) | ive title Oth | to Issuer % Owner her (specify ow) |
| (Street) HANOVER (City) | MD (State) | 21076-1426 (Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year) | Line) X Form filed Form filed Person | nt/Group Filing (Che d by One Reporting F d by More than One I | Person |
| | - | Table I - Non-Deriv | vative Securities Acquired, Disposed of, or Bene | eficially Owned | | |

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | Code (| | 4. Securities Disposed Of 5) | | | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership |
|---------------------------------|--|---|--------|---|------------------------------------|---------------|---------|---|---|---|
| | | | Code | v | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 10/05/2020 | | S | | 2,000(1) | D | \$40.56 | 324,293 ⁽²⁾ | D | |

| | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | |
|---|--|---|--|--|-------------------------------------|-----|-----|---|---|--|--|--------------------------------------|--|--|--|
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | A conversion Date 3. Transaction Bate (Month/Day/Year) 3. Transaction Date 5. Null Transaction of trice of berivative (Month/Day/Year) (Month/Day/Year) 5. Null Code (Instr. 8) Acqui | | vative nities nired r osed) r. 3, 4 | Expiration Date (Month/Day/Year) | | | le and unt of rities rlying ative rity (Instr. I 4) | 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) | Beneficial Ownershi (Instr. 4) | | | |
| | | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 3/19/2020.

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

By: Michelle Rankin For: James E. Moylan Jr.

10/06/2020

** 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.