FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. 20549 | |
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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

OMB APPROVAL 3235-0287 Estimated average burden hours per response: 0.5

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

| Name and Address of Reporting Person* McFeely Scott | | | | | | 2. Issuer Name and Ticker or Trading Symbol CIENA CORP [CIEN] | | | | | | | | | ck all app Direc | , | ng Pers | son(s) to Is 10% Ov Other (s | wner |
|--|--|--|------------------|-------------------------|---|---|---|---------------------------|-----------------------------------|--|---|------------|--|---|---|--|--|------------------------------------|--|
| (Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD. | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 02/15/2022 | | | | | | | | | | SVP, Networ | | below)` Platforms | |
| (Street) HANOVER MD 21076-1426 (City) (State) (Zip) | | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | ndividual or Joint/Group Filing (Check Applicable e) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| Date | | | | | 2. Transaction 2A. Date Exec (Month/Day/Year) if any | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | 3. Transaction Code (Instr. | | 4. Securities Acquired (A Disposed Of (D) (Instr. 3, | | |) or 5. Amo | | ount of ties | Form | Form: Direct | 7. Nature of Indirect Beneficial |
| | | | | | | | | | 8) Code | v | Amount | (A) (D) | or P | rice | Report Transa | Owned Following Reported Transaction(s) (Instr. 3 and 4) | | | Ownership (Instr. 4) |
| Common | mmon Stock 02/15/ | | | | | 2022 | | | | | 500(1) | Г | , | \$65 | 126 | 26,538 ⁽²⁾ | | D | |
| Common Stock 02 | | | 02/15/2 | 2022 | | | | S | | 5,000(1) | Г |) [| 64.42 | 2 121,538 ⁽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) | | | Transa Code (| ansaction de (Instr. | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | Exerc ion Da /Day/Y | | 7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) | | Str. | Price of erivative ecurity nstr. 5) | 9. Number derivative Securities Beneficially Owned Following Reported Transactio (Instr. 4) | y [| 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | Code | v | (A) | (D) | Date Exercis | able | Expiration Date | Title | Amo or Num of Share | ber | | | | | |

Explanation of Responses:

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 12/13/2021
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Rankin For: Scott Mcfeely

02/16/2022

** Signature of Reporting Person

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.