FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

| Washington,   | D.C. 20549 |  |
|---------------|------------|--|
| vvasilington, | D.C. 20043 |  |

**AL 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

|   | OMB APPROVAL         |           |  |  |  |  |  |  |  |  |
|---|----------------------|-----------|--|--|--|--|--|--|--|--|
|   | OMB Number:          | 3235-0287 |  |  |  |  |  |  |  |  |
|   | Estimated average bu | rden      |  |  |  |  |  |  |  |  |
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Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-

Instruction 1(b).

| . , ,  | ee Instruction 1  |  |   |   | 2. Iss  | uer N     | ame aı                                    | nd Tick             | er or Tra  | ading              | Symbol                                  |  |   | 5. Re   | lationship                                   | of Reportir  | ng Pers  | son(s) to Is   | suer                              |
|--|---|--|---|---|---|-----------|---|---------------------|--|--------------------|---|--|---|---|--|--|----------|--|-----------------------------------|
| Name and Address of Reporting Person*     Kosaraju Sheela    |   |  |   | 2. Issuer Name and Ticker or Trading Symbol CIENA CORP [ CIEN ] |   |           |   |                     |  |                    |   | (Che   | (Check all applicable)  Director 10% Owner  |   |  |  |          |  |                                   |
|  |   |  |   |   |   |           |   |                     |  |                    |   |  |   | V   | Office                                       | er (give title   |          | Other (s   | specify                           |
| (Last) (First) (Middle) C/O CIENA CORPORATION 7035 RIDGE RD. |   |  |   |   | 3. Date of Earliest Transaction (Month/Day/Year) 12/17/2024 |           |   |                     |  |                    |   |  |   | SVP, General Counsel and                      |  |  |          |  |                                   |
| (Street) HANOVER MD 21076-1426                               |   |  | 426   | 4. If Amendment, Date of Original Filed (Month/Day/Year)        |   |           |   |                     |  |                    |   | Line)  | Individual or Joint/Group Filing (Check Applicable Line)     Form filed by One Reporting Person     Form filed by More than One Reporting |   |  |  |          |  |                                   |
| (City)   | (St   | ate) (2                                    | Zip)  |   |   |           |   |                     |  |                    |   |  |   |   | Perso  |  | ie iliai | п Опе Керс   | orung                             |
|  |   | Table                                      | I - No  | n-Deriva  | tive S  | Secu      | rities                                    | Acq                 | uired,   | Dis                | posed of                                | , or E   | Bene  | ficiall                                       | y Own  | ed   |          |  |                                   |
| 1. Title of Security (Instr. 3)  2. Transact Date (Month/Day |   |  |   | Execut  |   | cution I  | eemed<br>ution Date,<br>/<br>th/Day/Year) |                     | 3.<br>Transaction<br>Code (Instr. 8)  4. Securities Acq<br>Disposed Of (D) |                    |   |  |   | 5. Amo<br>Securi<br>Benefi<br>Owned<br>Report | ties<br>cially<br>Following                  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  |          | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                      |                                   |
|  |   |  |   |   |   |           |   |                     | Code   | v                  | Amount (A)                              |  | or  | Price   | Transa                                       | ction(s)<br>3 and 4)   |          |  | (Instr. 4)                        |
| Common Stock 12/17/2   |   |  |   |   | :024  |           |   |                     | A  | A                  | 4,681(1)                                | A  | 4   | \$0.0   | 89,110(2)                                    |  | D        |  |                                   |
| Common Stock 12/17   |   |  |   | 12/17/2   | 2024  |           | Α   |                     | 11,629 <sup>(3)</sup> A  |                    | \$0.0                                   | 0 100,739 <sup>(4)</sup>   |   |   | D  |  |          |  |                                   |
|  |   | Tal  | ble II -  |   |   |           |   |                     |  |                    | osed of, convertib                      |  |   |   | Owne   | d  |          |  |                                   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)          | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |   | 4.<br>Transaction<br>Code (Instr.<br>8)                     |           |   |                     | 6. Date Exerci<br>Expiration Da<br>(Month/Day/Yo                           |                    | ite                                     | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Ins<br>3 and 4) |   | De<br>Se<br>(In                               | Price of<br>erivative<br>ecurity<br>estr. 5) | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | y G      | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Benefici<br>Ownersi<br>(Instr. 4) |
|  |   |  |   |   |   | V (A) (D) |   | Date<br>Exercisable |  | Expiration<br>Date | Amou<br>or<br>Numb<br>of<br>Title Share |  | ber   |   |  |  |          |  |                                   |

## **Explanation of Responses:**

- 1. Reflects the number of stock units earned pursuant to the terms of a performance stock unit (PSU) award granted on December 12, 2023 reflecting the achievement of the related performance conditions. These shares vest in equal 1/2 amounts on each of December 20, 2024 and 2025
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).
- 3. Reflects Restricted Stock Units (RSUs) that vest over four years, with one-sixteenth of the grant amount vesting on March 20, June 20, September 20, and December 20 of each year, commencing on March 20, 2025
- 4. Shares reported include unvested Restricted Stock Units (RSUs), Performance Stock Units (PSUs), and Market Stock Units (MSUs).

By: Michelle Rankin For: 12/18/2024 Sheela Kosaraju

\*\* 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.