FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| Г |                          |           |  |  |  |  |  |  |  |  |
|---|--------------------------|-----------|--|--|--|--|--|--|--|--|
|   | OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
| ı |                          |           |  |  |  |  |  |  |  |  |
| l | OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| l | Estimated average burden |           |  |  |  |  |  |  |  |  |
| l | hours per response       | 0.5       |  |  |  |  |  |  |  |  |

|        | Check this box if no longer subjec |
|--------|------------------------------------|
|        | to Section 16. Form 4 or Form 5    |
| $\cup$ | 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

|  |  |       |            |   | 0. 000   |  | 0() 0   |   |                    |        | iipaiiy Act c  |   |                 |   |  |                           |  |                                       |         |
|--|--|-------|------------|---|--|--|---|---|--------------------|--------|--|---|-----------------|---|--|---------------------------|--|---------------------------------------|---------|
| Name and Address of Reporting Person*  Cumple Jecoph           |  |       |            |   |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol CIENA CORP CIEN   |   |   |                    |        |  |   |                 | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |  |                           |  |                                       |         |
| <u>Cumello Joseph</u>  |  |       |            |   |  | CIETTI COITI [ CIETT ]   |   |   |                    |        |  |   |                 |   | Direc  | tor                       |  | 10% Ov                                | vner    |
| (Lact) (First) (Middle)  |  |       |            |   |  | 3. Date of Earliest Transaction (Month/Day/Year)   |   |   |                    |        |  |   |                 | X   | Office<br>below  | er (give title<br>v)      |  | Other (s                              | specify |
| (Last) (First) (Middle) C/O CIENA CORPORATION                  |  |       |            |   |  | 07/17/2023   |   |   |                    |        |  |   |                 | SVP,  | P, General Mgr. Blue Planet  |                           |  |                                       |         |
| 7035 RIDGE RD.   |  |       |            |   | 4. If Amendment, Date of Original Filed (Month/Day/Year) |  |   |   |                    |        |  | 6. Individual or Joint/Group Filing (Check Applicable Line) |                 |   |  |                           |  |                                       |         |
|  |  |       |            |   |  |  |   |   |                    |        |  |   | X               | X Form filed by One Reporting Person                                    |  |                           |  |                                       |         |
| (Street) HANOVER MD 21076-142                                  |  |       |            | 1426                                    |  |  |   |   |                    |        |  |   |                 |   | Form filed by More than One Reporting Person   |                           |  |                                       | orting  |
| (City) (State) (Zip)   |  |       |            |   | Rule   | Rule 10b5-1(c) Transaction Indication  |   |   |                    |        |  |   |                 |   |  |                           |  |                                       |         |
|  |  |       |            |   |  | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |   |   |                    |        |  |   |                 |   |  |                           |  |                                       |         |
|  |  | Table | I - No     | n-Deriva                                | tive S   | ecur   | ities   | Acq   | uired,             | Dis    | posed of   | , or I  | Benef           | iciall  | y Owr  | ned                       |  |                                       |         |
| 1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day) |  |       |            |   | Execution Date,  |  |   | 3. Transaction Code (Instr. 8)  4. Securities Acquired (Disposed Of (D) (Instr. 3) 5) |                    |        |  | 3, 4 and Secur<br>Benef<br>Owne<br>Follow                   |                 | cially<br>1   | Form<br>(D) o  | n: Direct<br>r<br>ect (I) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)        |                                       |         |
|  |  |       |            |   |  |  |   | Code  | v                  | Amount | (A)  | or Pr   | ice             | Report<br>Transa<br>(Instr.   | rted<br>action(s)<br>. 3 and 4)  |                           |  |                                       |         |
| Common Stock 07/17/2   |  |       |            |   |  | 2023   |   |   | S                  |        | 1,212(1)   | D \$2   |                 | 41.2  | 42,848(2)  |                           |  | D                                     |         |
|  |  | Tab   |            | Derivativ<br>(e.g., pu                  |  |  |   |   |                    |        |  |   |                 |   | Owne   | ed                        |  |                                       |         |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)            | ve Conversion or Exercise Price of Derivative Security  Date (Month/Day/Year)  Execution Date, if any (Month/Day/Year) |       | tion Date, | 4.<br>Transaction<br>Code (Instr.<br>8) |  | 5.<br>Numl<br>of<br>Deriv<br>Secu<br>Acqu<br>(A) oi<br>Dispo<br>of (D)<br>(Instr   | (Month/Day<br>ative<br>ities<br>ired<br>sed<br>3, 4 |   | on Da              | te     | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security<br>(Instr. 3 and |   | De<br>Se<br>(In | Price of<br>rivative<br>curity<br>str. 5)                               | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | y   1                     | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |         |
|  |  |       | Code       | v                                       | (A)  | (D)  | Date<br>Exercisa                                    |   | Expiration<br>Date | Title  | Amour<br>or<br>Number<br>of<br>Shares  | er  |                 |   |  |                           |  |                                       |         |

## Explanation of Responses:

- 1. Sales were effected pursuant to Rule 10b5-1 trading plan dated 03/29/2023.
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Rankin For:
Joseph Cumello

07/19/2023

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.