## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Machinatan  | D C  | 20540 |  |
|-------------|------|-------|--|
| Nashington, | D.C. | 20049 |  |

| Check this box if no longer subjec |
|------------------------------------|
| to Section 16. Form 4 or Form 5    |
| obligations may continue. See      |
| Instruction 1/h)                   |

## 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

| 1. Name and Address of Reporting Person*  DiPerna Dino |   |  |  |                                  | CIE   | 2. Issuer Name and Ticker or Trading Symbol CIENA CORP [ CIEN ] |   |     |   |   |                    |                             |                                | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  Officer (give title Other (specify |   |   |  |                                     |  |  |  |
|--|---|--|--|----------------------------------|---|---|---|-----|---|---|--------------------|-----------------------------|--------------------------------|---|---|---|--|-------------------------------------|--|--|--|
| (Last)   | (Fii  | , ,  | Middle)                                    |                                  |   | 3. Date of Earliest Transaction (Month/Day/Year) 03/20/2024     |   |     |   |   |                    |                             |                                |   | X Officer (give title Surface (specific below) SVP Global R&D     |   |  |                                     |  |  |  |
| 7035 RIDGE RD.   |   |  |  |                                  |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)        |   |     |   |   |                    |                             |                                | Line)   | I '   |   |  |                                     |  |  |  |
| (Street)   | ER M  | D 2  | 21076-1426                                 |                                  |   |   |   |     |   |   |                    |                             |                                |   |   | X Form filed by One Reporting Person  Form filed by More than One Reporting  Person             |  |                                     |  |  |  |
| (City) (State) (Zip)                                   |   |  |  | Rul                              | 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  | Secu  | rities                                  | Acq | uired,  | Dis   | posed of           | , or E                      | Bene                           | ficiall   | y Own   | ed  |  |                                     |  |  |  |
|  |   |  | 2. Transaction<br>Date<br>(Month/Day/Year) |                                  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |   | 3.<br>Transaction<br>Code (Instr.<br>8) |     | 4. Securities Acquired (A<br>Disposed Of (D) (Instr. 3,<br>5) |   |                    | , 4 and Secu<br>Bene<br>Own |                                | ficially<br>d Following   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | of Indirect<br>Beneficial<br>Ownership  |  |                                     |  |  |  |
|  |   |  |  |                                  |   |   |   |     | Code  | v   | Amount             | (A) (D)                     | or P                           | rice  |   | ed<br>ction(s)<br>3 and 4)  |  | (Instr. 4)                          |  |  |  |
| Common   | Common Stock 03/20/2  |  |  |                                  | .024  |   |   | F   |   | 368(1)  | D                  | )   {                       | 50.22                          | 45,567 <sup>(2)</sup>   |   | D   |  |                                     |  |  |  |
| Common   | Common Stock 03/20/2  |  |  |                                  | .024  |   |   |     | F   |   | 319(3)             | D \$50.22                   |                                | 45,248(2)   |   | D   |  |                                     |  |  |  |
| Common   | mmon Stock 03/20/2  |  |  |                                  | .024  |   |   |     | F   |   | 444(4)             | D                           | )   9                          | 50.22   | 44,804(2)   |   | D  |                                     |  |  |  |
| Common   | Stock   |  | 03/20/202                                  |                                  |   | 024   |   |     | F   |   | 204(5)             | D \$50                      |                                | 50.22   | 22 44,600(2)  |   | D  |                                     |  |  |  |
| Common   | Stock   |  |  | 03/20/2                          | 2024  |   |   |     | F   |   | 730(6)             | D                           | )   9                          | \$50.22   |   | 43,870(2)   |  |                                     |  |  |  |
|  |   | 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)   | if any                                     | emed<br>ion Date,<br>//Day/Year) | 4.<br>Transa<br>Code (<br>8)                                |   | 5. Number tion of                       |     |   | 6. Date Exercisable an<br>Expiration Date<br>(Month/Day/Year) |                    |                             |                                |   | Price of<br>erivative<br>ecurity<br>nstr. 5)                      | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Owners<br>Form:<br>Direct (<br>or Indir<br>(I) (Inst | Beneficial Ownership ect (Instr. 4) |  |  |  |
|  |   |  |  |                                  | Code  | v   | (A)                                     | (D) | Date<br>Exercis   | able  | Expiration<br>Date | Title                       | Amo<br>or<br>Num<br>of<br>Shar | ber   |   |   |  |                                     |  |  |  |

## Explanation of Responses:

- 1. Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated 12/16/2020. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 filed on 10/31/2023.
- 2. Shares reported include unvested Restricted Stock Units (RSUs).
- 3. Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated 12/14/2021. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 filed on 10/31/2023.
- 4. Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated 12/13/2022. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 filed on 10/31/2023.
- 5. Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated 10/27/2023. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 filed on 10/31/2023.
- 6. Represents shares withheld to cover payment of the tax liabilities of the reporting person related to a restricted stock unit (RSU) award agreement dated 12/12/2023. Acquisition of the RSU was previously reported in Table I of the reporting person's Form 4 filed on 12/14/2023.

By: Michelle Rankin For:

03/21/2024

Dino Diperna

\*\* 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.