FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, I | $^{\circ}$ | 20549 |  |
|---------------|------------|-------|--|

## 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

| OMB APPROVAL             |     |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|
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| hours per response:      | 0.5 |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

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 10b5-1(c). See Instruction 10.

| Name and Address of Reporting Person*     Rothenstein David M |                     | son <sup>*</sup>    | 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 |                                      |  |  |  |
|---|---------------------|---------------------|---|-------------------|---|--------------------------------------|--|--|--|
| (Last)<br>C/O CIENA C   | O CIENA CORPORATION |                     | 3. Date of Earliest Transaction (Month/Day/Year) 09/20/2024     |                   | Officer (give title below)  SVP and Chief Stra  | Other (specify below)  ategy Officer |  |  |  |
| (Street) HANOVER (City)                                       | MD<br>(State)       | 21076-1426<br>(Zip) | 4. If Amendment, Date of Original Filed (Month/Day/Year)        | 6. Indiv<br>Line) | ridual or Joint/Group Fili<br>Form filed by One Re<br>Form filed by More th<br>Person       | porting Person                       |  |  |  |

| lable I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |  |   |  |   |        |   |   |   |   |             |
|--|--|---|--|---|--------|---|---|---|---|-------------|
| 1. Title of Security (Instr. 3)  | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3. Transaction Code (Instr. 8) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |   |        | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |             |
|  |  |   | Code   | v | Amount | (A) or<br>(D)   | Price   | Transaction(s)<br>(Instr. 3 and 4)                                |   | (iiisti. 4) |
| Common Stock   | 09/20/2024                                 |   | F  |   | 344(1) | D   | \$58.73   | 205,077(2)  | D |             |
| Common Stock   | 09/20/2024                                 |   | F  |   | 460(3) | D   | \$58.73   | 204,617(2)  | D |             |
| Common Stock   | 09/20/2024                                 |   | F  |   | 138(3) | D   | \$58.73   | 204,479(2)  | D |             |
| Common Stock   | 09/20/2024                                 |   | F  |   | 684(4) | D   | \$58.73   | 203,795(2)  | D |             |
| Common Stock   | 09/20/2024                                 |   | F  |   | 298(5) | D   | \$58.73   | 203,497(2)  | D |             |

## Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of 3. Transaction 6. Date Exercisable and 9. Number of 11. Nature 3A. Deemed 5. Number 7. Title and 8. Price of 10. Derivative Conversion **Execution Date** Transaction **Expiration Date** Amount of Derivative derivative Ownership of Indirect Securities Underlying Security (Instr. 3) or Exercise Price of (Month/Day/Year) Derivative (Month/Day/Year) Securities Form: Direct (D) Beneficial if any (Month/Day/Year) Code (Instr. Security (Instr. 5) Securities Beneficially Ownership Owned Following or Indirect (I) (Instr. 4) Derivative Acquired Derivativ (Instr. 4) Security (Instr. Security (A) or 3 and 4) Reported Transaction(s) Disposed (Instr. 3, 4 (Instr. 4) and 5) Amount Number Date Expiration Date Title Code (A) Exercisable

## **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 the reporting person's Form 4 filed on 12/18/2020
- 2 Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs)
- 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 12/13/2022. Acquisition of the RSU was previously reported in Table I of the reporting person's Form 4 filed on 12/15/2022
- 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 12/12/2023. Acquisition of the RSU was previously reported in Table I of the reporting person's Form 4 filed on 12/14/2023
- 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 12/14/2021. Acquisition of the RSU was previously reported in Table I of the reporting person's Form 4 filed on 12/16/2021

By: Michelle Rankin For: 09/23/2024 **David Rothenstein** 

\*\* 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.