FORM 4

Check this box if no longer subject

to Section 16. Form 4 or Form 5 obligations may continue. See

Instruction 1(b).

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

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*  NETTLES PATRICK H                      |  |  |  |  |  | 2. Issuer Name and Ticker or Trading Symbol CIENA CORP [ CIEN ] |         |   |       |  |       |                    |                          |   |                      | all app  |  | ng Pe                       | 10% Ov   | vner   |
|--|--|--|--|--|--|---|---------|---|-------|--|-------|--------------------|--------------------------|---|----------------------|--|--|-----------------------------|--|--|
|  | (Fir   | ,  | Midd                                       | lle)   |  | 3. Date of Earliest Transaction (Month/Day/Year) 07/10/2020     |         |   |       |  |       |                    |                          |   |                      | Officer (give title below)                           |  |                             | Other (s<br>below)   | specify  |
| 7035 RIDGE RD.  (Street)  HANOVER MD 210   |  |  |  | /6-1426  | 4. If  | Amend   | ment,   | Date (  | of Or | riginal F  | =ilec | d (Month/Da        | ay/Yeaı                  |   | . Indiv<br>ine)<br>X | Form   | filed by One   | e Rep                       | porting Perso  | on   |
| (City)   | (St  | ate) (Z                                    | Zip)                                       |  |  | Feison  |         |   |       |  |       |                    |                          |   |                      |  |  |                             |  |  |
| Table 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 D<br>if any<br>(Month/Day/ |   | Ti<br>C | 3.<br>Transaction<br>Code (Instr.<br>8)   |       | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 an |       |                    |                          | d 5) Sec<br>Ber<br>Ow   |                      | Amount of<br>curities<br>neficially<br>ned Following |  | m: Direct<br>or<br>rect (I) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership                      |  |
|  |  |  |  |  |  |   |         | С   | ode   | v  | Am    | nount              | (A) or<br>(D)            | Price   |                      | Reported<br>Transaction(s)<br>(Instr. 3 and 4)       |  | (Instr. 4)                  |  | (Instr. 4)   |
| Common Stock   |  |  |  | 07/10/202  | 0  |   |         |   | S     |  | 15    | 5,000(1)           | D                        | \$54.73   | 88(2)                | 335,701 <sup>(3)</sup>                               |  |                             | D  |  |
| Common Stock 07/1  |  |  |  | 07/10/202  | 0  |   |         |   |       |  | 5     | 5,000(1)           | O <sup>(1)</sup> D \$54. |   | 01(2)                | (2) 330,701(3)                                       |  |                             | D  |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |  |  |  |   |         |   |       |  |       |                    |                          |   |                      |  |  |                             |  |  |
| 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) | Exe<br>if a                                | Deemed<br>ecution Date,<br>iny<br>onth/Day/Year) |  | Transaction Code (Instr.  |         | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |       | Expiration<br>(Month/Da  |       |                    |                          | le and<br>unt of<br>rities<br>erlying<br>rative<br>rity (Instr.<br>i 4) | Deri<br>Sec<br>(Ins  | rice of<br>vative<br>urity<br>tr. 5)                 | 9. Number<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | / O<br>Fe<br>D<br>oi<br>(i) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |  |  |  |  | Code   | v   | (A)     | (D)   | Da:   | te<br>ercisab  | le    | Expiration<br>Date |                          | Amount<br>or<br>Number<br>of<br>Shares                                  |                      |  |  |                             |  |  |

## **Explanation of Responses:**

- $1. \ Sales \ were \ effected \ pursuant \ to \ Rule \ 10b5-1 \ trading \ plan \ dated \ 06/09/2020.$
- 2. Reflects the weighted average sales price with transactions in a range of sales from \$54.35 to \$55.97. Upon request by the SEC, full information regarding the number of shares sold at each separate sales price will be provided.
- 3. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Rankin For: Patrick H Nettles

07/13/2020

\*\* 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.