Instruction 1(b).

FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## 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

| C/O CIENA COR<br>7035 RIDGE RD.<br>(Street)  | PORATION   | Middle) |                                 | 05/1         |  |   | t Trans  | action (N | Month.   | /Day/Vear) |   |              | X   |   |   |   |              | ssuer<br>Owner<br>(specify   |
|--|--|---------|---------------------------------|--------------|--|---|--|-----------|--|------------|---|--------------|---|---|---|---|--------------|--|
| (Street)   |  | 1076-1  |                                 | 4. If A      |  | 3. Date of Earliest Transaction (Month/Day/Year) 05/15/2020 |  |           |  |            |   |              |   |   | Officer (give title below) Other (special below)  SVP, Networking Platforms |   |              |  |
| ,  | State) (2  | Zip)    | 426                             |              | Amendment, Date of Original Filed (Month/Day/Year) |   |  |           |  |            | 6. Indiv<br>Line)<br>X  | Form<br>Form | ual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person |   |   |   |              |  |
|  | Table  | I - No  | n-Deriva                        | tive S       | Secu   | rities  | Acq  | uired,    | Dis  | posed of   | , or E  | Benef        | cially  | Own   | ed  |   |              |  |
| 1. Title of Security (Instr. 3)  2. Transact Date (Month/Day)                                      |  |         | Execu<br>y/Year) if any         |              | Deemed<br>cution Date,<br>ny<br>onth/Day/Year)     |   | 3.<br>Transaction Code (Instr. 8)  4. Securitie Disposed C                             |           | es Acquired (A)<br>Of (D) (Instr. 3,   |            | 4 and Seci  |              | cially<br>I Following   | 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) (D)   | or Pr        | ce  | Transa  | ction(s)<br>3 and 4)  |   |              | (  |
| Common Stock   |  |         | 05/15/20                        |              | 0  |   | S  |           | 2,000(1)   | D          | \$  | 46.33        | 3 96,810(2)   |   | D   |   |              |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |         |                                 |              |  |   |  |           |  |            |   |              |   |   |   |   |              |  |
| 1. Title of Derivative Security (Instr. 3)  2. Conversion or Exercise Price of Derivative Security | e (Month/Day/Year)   | if any  | emed<br>ion Date,<br>/Day/Year) | Code (<br>8) | Transaction<br>Code (Instr.                        |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |           | 6. Date Exercisable and Expiration Date (Month/Day/Year)  Date Expiration Exercisable Date |            | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Insi<br>3 and 4) |              | Der Sec (Ins  | Price of<br>ivative<br>curity<br>str. 5)                          |   | Owner<br>Form:<br>Direct<br>or Indi<br>(I) (Ins                   | (D)<br>irect | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |

## **Explanation of Responses:**

- $1. \ Sales \ were \ effected \ pursuant \ to \ Rule \ 10b5-1 \ trading \ plan \ dated \ 04/05/2019 \ and \ amended \ 12/31/2019.$
- 2. Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

By: Michelle Rankin For: 05/15/2020 Scott Mcfeely

\*\* 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.