

Phipps Jason
 Form 4
 December 26, 2017

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Phipps Jason

2. Issuer Name and Ticker or Trading Symbol
 CIENA CORP [CIEN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 C/O CIENA CORPORATION, 7035 RIDGE RD.

3. Date of Earliest Transaction (Month/Day/Year)
 12/21/2017

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP Global Sales and Marketing

(Street)
 HANOVER, MD 21076-1426

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) Code V Amount Price | | | |
| Common Stock | 12/21/2017 | | S | 340 ⁽¹⁾ D \$ 21.22 | 54,823 ⁽²⁾ | D | |
| Common Stock | 12/21/2017 | | S | 364 ⁽³⁾ D \$ 21.22 | 54,459 ⁽²⁾ | D | |
| Common Stock | 12/21/2017 | | S | 288 ⁽⁴⁾ D \$ 21.22 | 54,171 ⁽²⁾ | D | |
| Common Stock | 12/21/2017 | | S | 177 ⁽⁵⁾ D \$ 21.22 | 53,994 ⁽²⁾ | D | |
| Common Stock | 12/21/2017 | | S | 252 ⁽⁶⁾ D \$ 21.22 | 53,742 ⁽²⁾ | D | |

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Common Stock 12/21/2017 S 190 (7) D \$ 21.22 53,552 (2) D

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

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SEC 1474 (9-02)

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 | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 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) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Beneficially (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|--------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Phipps Jason C/O CIENA CORPORATION 7035 RIDGE RD. HANOVER, MD 21076-1426 | | | SVP Global Sales and Marketing | |

Signatures

By: Michelle Rankin For: Jason Phipps 12/26/2017

__Signature of Reporting Person Date

Explanation of Responses:

* 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).

- (1) Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/17/2014. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 on 3/1/2017.
- (2) Shares reported include unvested Restricted Stock Units (RSUs) and Performance Stock Units (PSUs).

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- (3) Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/17/2013. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 on 3/1/2017.
- (4) Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 2/3/2014. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 on 3/1/2017.
- (5) Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/15/2015. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 on 3/1/2017.
- (6) Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 3/1/2017. Acquisition of the RSU was previously reported in Table I of reporting person's Form 4 on 3/3/2017.
- (7) Shares reported represent an amount sold to cover the tax liabilities of the reporting person pursuant to a 10b5-1 sales instruction related to a restricted stock unit (RSU) award agreement dated 12/14/2016. Acquisition of the RSU was previously reported in Table I of reporting person's Form 3 on 3/1/2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.