

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPROVAL | |
|----------------------------------------------|-----------|
| OMB Number: | 3235-0104 |
| 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

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Name and Address of Reporting Person* <u>McFeely Scott</u> (Last) (First) (Middle) <u>C/O CIENA CORPORATION</u> <u>7035 RIDGE RD.</u> (Street) <u>HANOVER MD 21076</u> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) <u>02/27/2017</u> | 3. Issuer Name and Ticker or Trading Symbol <u>CIENA CORP [CIEN]</u> | |
| | | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, Networking Platforms</u> | 5. If Amendment, Date of Original Filed (Month/Day/Year) <u>03/01/2017</u> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|-------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| <u>Common Stock</u> | <u>47,904⁽¹⁾⁽²⁾</u> | <u>D</u> | |

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--------------------------------------------|----------------------------------------------------------|-----------------|-----------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| | Date Exercisable | Expiration Date | | | | |
| | | | | | | |

Explanation of Responses:

1. This amount was previously reported in the Reporting Person's Original Form 3. As previously reported, includes (i) 2,520 Restricted Stock Units (RSUs) that vest in four equal installments on each of March 20, June 20, September 20, and December 20 of 2017, (ii) 7,184 RSUs that vest in eight equal installments on March 20, June 20, September 20, and December 20 of each year, commencing on March 20, 2017, (iii) 8,986 RSUs that vest in eleven equal installments on March 20, June 20, September 20, and December 20 of each year, commencing on March 20, 2017, (iv) 6,582 RSUs that vest in twelve equal installments on March 20, June 20, September 20, and December 20 of each year, commencing on March 20, 2017, (v) 10,790 RSUs that vest in sixteen equal installments on March 20, June 20, September 20, and December 20 of each year, commencing on March 20, 2017, and (vi) 6,527 Performance Stock Units (PSUs) that vest in two equal installments on December 20, 2017 and 2018.

2. This amendment is being filed to file as an exhibit a power of attorney, which was inadvertently left off of the Reporting Person's Original Form 4, and to correct an error on the Reporting Person's original Form 3. The Reporting Person is an officer, not a director, of the Issuer.

Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

/s/ Erik Lichter For: Scott McFeely 03/02/2017

** 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 5 (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.

POWER OF ATTORNEY

The undersigned hereby constitutes and appoints each of Erik J. Lichter, David M. Rothenstein and Michelle Griswold, or their respective assignees, each signing singly, the undersigned's true and lawful attorney-in-fact to:

- (1) execute for and on behalf of the undersigned Form ID, Forms 3, 4 and 5, and all amendments thereto in accordance with Section 16(a) of the Securities and Exchange Act of 1934, as amended, and the rules thereunder;
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form ID, Form 3, 4 or 5, or any amendment or amendments thereto and file such form with the United States Securities and Exchange Commission, the New York Stock Exchange, the Nasdaq Stock Market and any other authority; and
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended. This Power of Attorney can only be revoked by delivering a signed, original "Revocation of Power of Attorney" to the attorney-in-fact and shall remain in full force and effect until such revocation is delivered.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 22nd day of February, 2017.

/s/ Scott
McFeely
Signature

Scott
McFeely
Print
Name