

MACOM Technology Solutions Holdings, Inc.  
 Form 4  
 April 21, 2017

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2015  
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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 \*  
 Croteau John

2. Issuer Name and Ticker or Trading Symbol  
 MACOM Technology Solutions Holdings, Inc. [MTSI]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 04/19/2017

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 President and CEO

C/O MACOM TECHNOLOGY SOLUTIONS HOLDINGS, 100 CHELMSFORD STREET

(Street)

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

LOWELL, MA 01851

(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	

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

**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 control number.**

SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

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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)
Stock Option (Right to Buy)	\$ 33.66	04/19/2017		A	20,000 <sup>(1)</sup>	04/19/2017 <sup>(1)</sup> 05/05/2022	Common Stock 20,000 <sup>(1)</sup>

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Croteau John C/O MACOM TECHNOLOGY SOLUTIONS HOLDINGS 100 CHELMSFORD STREET LOWELL, MA 01851	X		President and CEO	

Signatures

/s/ Clay Simpson, Attorney-in-Fact 04/21/2017

\*\*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).
- On May 5, 2015 the Reporting Person was granted an option to purchase 100,000 shares of Common Stock. The stock option vests upon achievement of certain performance metrics in any four consecutive fiscal quarters completed during the term of the stock option. On (1) April 19, 2017 certain performance criteria were certified to have been met, resulting in vesting of the stock option as to 20,000 shares. In addition, this Form 4 reflects an adjustment to ownership previously reported on a Form 4 filed on May 5, 2015, to exclude the unvested portion of this stock option.

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. ne; FONT-FAMILY: times new roman; FONT-SIZE: 10pt">

Source of Funds (See Instructions) 4.  
OO

Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) o 5.

6.

Reporting Owners 2

Citizenship or Place of Organization:  
Massachusetts

Sole Voting Power	7.
0	
Shared Voting Power	8.
15,504,002	
Sole Dispositive Power	9.
0	
Shared Dispositive Power	10.
15,504,002	
Aggregate Amount Beneficially Owned by Each Reporting Person	11.
15,504,002	
Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions) o	12.
Percent of Class Represented by Amount in Row (11)	13.
33.2%	
Type of Reporting Person (See Instructions)	14.
OO	

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1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only).  
Nikolai Platonov, individually and as trustee of The Valentin Gapontsev Trust I
2. Check the Appropriate Box if a Member of a Group (See Instructions)
  - (a)
  - (b)
3. SEC Use Only
4. Source of Funds (See Instructions)  
OO
5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)
6. Citizenship or Place of Organization: United States and Russia
  7. Sole Voting Power  
750
  8. Shared Voting Power  
15,504,002
  9. Sole Dispositive Power  
750
  10. Shared Dispositive Power  
15,504,002
11. Aggregate Amount Beneficially Owned by Each Reporting Person  
15,504,752
12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)
13. Percent of Class Represented by Amount in Row (11)  
33.2%
14. Type of Reporting Person (See Instructions)  
IN



1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only).  
Angelo P. Lopresti, individually and as trustee of The Valentin Gapontsev Trust I
2. Check the Appropriate Box if a Member of a Group (See Instructions)
  - (a)
  - (b)
3. SEC Use Only
4. Source of Funds (See Instructions)  
OO
5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)
6. Citizenship or Place of Organization:  
United States
7. Sole Voting Power  
101,645
8. Shared Voting Power  
15,504,002
9. Sole Dispositive Power  
101,645
10. Shared Dispositive Power  
15,504,002
11. Aggregate Amount Beneficially Owned by Each Reporting Person  
15,605,647
12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)
13. Percent of Class Represented by Amount in Row (11)  
33.3%
14. Type of Reporting Person (See Instructions)  
IN



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## Introductory Note:

On December 17, 2010, Valentin P. Gapontsev, the founder, Chief Executive Officer and Chairman of IPG Photonics Corporation, a Delaware corporation (the “Issuer”), established The Valentin Gapontsev Trust I, an irrevocable trust (the “Trust”), for estate planning purposes. Dr. Gapontsev established the trust as an estate planning vehicle for the benefit of his family to hold shares previously owned by him. Also on December 17, 2010, Dr. Gapontsev transferred to the Trust for estate planning purposes (a) 8,000,000 shares of common stock, \$.0001 par value per share, of the Issuer (“Common Stock”) owned by Dr. Gapontsev, and (b) a 48% interest in IP Fibre Devices (UK) Ltd. (“IPFD”), as explained below. IPFD owns 7,504,002 shares of the Issuer. After the transfers to the Trust, Dr. Gapontsev continues to be the managing director of IPFD, and continues to beneficially own, for purposes of Section 13(d) of the Securities Exchange Act of 1934 (the “Exchange Act”), the 7,504,002 shares of Common Stock owned of record by IPFD.

After the transfers to the Trust, Dr. Gapontsev continues to beneficially own 10,606,933 shares of Common Stock of the Issuer or 22.7% of the Issuer’s outstanding shares, comprised of 3,102,931 shares of Common Stock owned of record by Dr. Gapontsev and the 7,504,002 shares of Common Stock owned of record by IPFD, of which is Dr. Gapontsev is the sole managing director.

This Schedule 13D (“Schedule 13D”) relates to the acquisition of the 8,000,000 shares of Common Stock owned of record by the Trust and the 7,504,002 shares of Common Stock beneficially owned indirectly by the Trust through IPFD.

## Item 1. Security and Issuer

This Schedule 13D relates to the Common Stock of the Issuer. The principal executive offices of the Issuer are located at 50 Old Webster Road, Oxford, MA 01540.

## Item 2. Identity and Background

The Schedule 13D is being filed jointly by the Reporting Persons. The agreement among the Reporting Persons relating to the joint filing of the Schedule 13D is attached hereto as Exhibit 99.1. The name, business address, principal business or occupation and citizenship of each of the Reporting Persons is as follows:

Name and Business Address	Principal Business or Occupation	Citizenship
The Valentin Gapontsev Trust I c/o IPG Photonics Corporation 50 Old Webster Road Oxford, MA 01540		A trust organized under the laws of Massachusetts
Nikolai Platonov c/o IPG Photonics Corporation 50 Old Webster Road Oxford, MA 01540	Head of Department, Research and Development, IPG Photonics Corporation	United States and Russia
Angelo P. Lopresti c/o IPG Photonics Corporation 50 Old Webster Road Oxford, MA 01540	Executive Officer of IPG Photonics Corporation	United States

## Explanation of Responses:



During the last five years, none of the Reporting Persons have: (i) been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors) or (ii) been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations or prohibiting activities subject to federal or state securities laws or finding any violation of such laws.

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**Item 3. Source and Amount of Funds or Other Consideration**

The shares of Common Stock beneficially owned by the Reporting Persons were acquired by the Reporting Persons in connection with the (a) purchase of 7,200,000 shares of Common Stock by the Trust from Dr. Gapontsev and (b) the gift of 800,000 shares of Common Stock to the Trust by Dr. Gapontsev. Also, the Trust purchased a 38.4% interest in IPFD from Dr. Gapontsev, and acquired by gift a 9.6% interest in IPFD from Dr. Gapontsev. IPFD owns 7,504,002 shares of Common Stock. The funds to purchase the 7,200,000 shares of Common Stock and the 38.4% interest in IPFD were borrowed by the Trust from Dr. Gapontsev. The borrowed funds are represented by an unsecured promissory note. No consideration was paid for the shares of Common Stock or the interest in IPFD acquired by the Trust by gift from Dr. Gapontsev.

**Item 4. Purpose of Transaction**

On December 17, 2010, in connection with an estate planning transaction, Dr. Gapontsev, the founder, Chief Executive Officer and Chairman of the Issuer, established an irrevocable trust, The Valentin Gapontsev Trust I, for the benefit of his family. The trustees of the Trust are the individual Reporting Persons named in Item 2 of this Schedule 13D. The corpus of the Trust consists of: (a) 8,000,000 shares of the Issuer, 7,200,000 of which were sold to the Trust for a total appraised price of \$191,800,080, and 800,000 of which were given to the Trust as a gift without consideration; and (b) 400 shares of IP Fibre Devices (UK) Ltd. ("IPFD") that were sold in part and gifted in part to the Trust, at an appraised value of \$43,378,560. All of the foregoing transactions occurred simultaneously. IPFD beneficially owns 7,504,002 shares of Common Stock and, based on the total number of shares of IPFD held by the Trust (and separately by any of the individual Reporting Persons named in Item 2), the Trust and each of its trustees may be deemed the beneficial owner of the shares of Common Stock beneficially owned by IPFD. Each of the individuals named in Item 2 also beneficially owns, separately or with others, shares of the issuer.

The acquisition of the shares of Common Stock by the Trust and the trustees were made for investment purposes.

The Trust and trustees may purchase additional shares of the Issuer's common stock or similar securities from time to time, either in brokerage transactions or in privately-negotiated transactions. Any decision by either or both of the trustees, for their own account or on behalf of the Trust, to increase their respective holdings of the Issuer's common stock will depend on various factors, including, but not limited to, the price of the of Common Stock, the terms and conditions of the transaction, and prevailing market conditions. The Trust also may acquire beneficial ownership of additional shares of Common Stock from time to time in connection with any future gifts by Dr. Gapontsev.

The Trust and trustees also may, at any time, subject to compliance with applicable securities laws, dispose of some or all of their shares of Common Stock depending on various factors, including, but not limited to, the price of the Common Stock, the terms and conditions of the transaction, and prevailing market conditions, as well as liquidity, estate planning and diversification objectives. In addition, the Trust and trustees may make gifts of Common Stock from time to time.

The Trust and trustees intend to participate in and influence the affairs of the Issuer through the exercise of their voting rights with respect to their shares of the Issuer's common stock. In addition, each of the trustees is an officer or

employee of the Issuer or an affiliate or subsidiary of the Issuer, and may, in connection with their duties and responsibilities to the Issuer, in the ordinary course or otherwise, take actions to influence the management, business, and affairs of the Issuer.

Other than as set forth in this Item 4, the Reporting Persons do not have any current plans or proposals that relate to or would result in any of the matters referred to in paragraphs (a) through (j) of Item 4 of Schedule 13D.

The filing of this Schedule 13D and any future amendment by the Reporting Persons, and the inclusion of information herein and therein, shall not be considered an admission that any of such persons, for the purpose of Section 16(b) of the Exchange Act, are the beneficial owners of any shares in which such persons do not have a pecuniary interest. Each of the Reporting Persons disclaims any beneficial ownership of the Shares covered by this Schedule 13D that he or it does not directly own.

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Item 5. Interest in Securities of the Issuer

- (a)-(b) Incorporated by reference to Items (7) - (11) and (13) of the cover page relating to each filing person. The individual Reporting Persons named in Item 2, above, by virtue of being trustees of the Trust referred to in Item 4, above, may be deemed to have the power to direct the voting and disposition of the shares of the Issuer's common stock owned by the Trust, including the 7,504,002 shares of Common Stock beneficially owned by IPFD, of which the Trust holds a 48% interest.
- (c) On October 29, 2010, Reporting Person Angelo P. Lopresti sold 10,000 shares of the Issuer's common stock at an average price of \$22.40 per share, in brokerage transactions. On November 2, 2010, Reporting Person Angelo P. Lopresti sold an additional 45,000 shares of the Issuer's common stock at an average price of \$24.30 per share, in brokerage transactions.
- (d) Not applicable.
- (e) Not applicable.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

Except for the arrangements described in Item 4 above and the documents attached as exhibits pursuant to Item 7 below, each of which is incorporated by reference herein and made a part hereof, to the best knowledge of the Reporting Persons, there are no contracts, arrangements, understandings or relationships (legal or otherwise) between the Reporting Persons, and any other person, with respect to any securities of the Issuer, including, but not limited to, transfer or voting of any of the securities, finder's fees, joint ventures, loan or option agreements, puts or calls, guarantees of profits, divisions of profits or loss, or the giving or withholding of proxies.

Item 7. Material to Be Filed as Exhibits

- 10.1 Promissory Note, dated December 17, 2010, by The Valentin Gapontsev Trust I  
24.1 Power of Attorney  
99.1 Joint Filing Agreement, dated December 21, 2010, by and among The Valentin Gapontsev Trust I, Nikolai Platonov and Angelo P. Lopresti



Signatures

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated this 21st day of December, 2010.

THE VALENTIN GAPONTSEV TRUST I

By: /s/ Angelo P. Lopresti  
Angelo P. Lopresti  
Trustee

By: /s/ Nikolai Platonov  
Nikolai Platonov  
Trustee

ANGELO P. LOPRESTI

/s/ Angelo P. Lopresti

NIKOLAI PLATONOV

/s/ Nikolai Platonov

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Exhibits

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