IPG PHOTONICS CORP Form SC 13G February 13, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 SCHEDULE 13G

(Rule 13d-102) INFORMATION TO BE INCLUDED IN STATEMENT FILED PURSUANT TO § 240.13d-1(b), (c) AND (d) AND AMENDMENTS FILED PURSUANT TO §240.13d-2 (Amendment No. 10)*

IPG Photonics Corporation (Name of Issuer)

Common Stock, par value \$0.0001 per share (Title of Class of Securities)

44980X 10 9 (CUSIP Number)

December 31, 2017 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b) Rule 13d-1(c) x Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 44980X 10 9

1.

Names of Reporting Persons

Dr. Valentin P. Gapontsev

2. Check the Appropriate 2. Box if a Member of a Group (a) (b)

3. SEC Use Only

Citizenship or Place of Organization

4. United States

of America and Russian Federation

5. Sole Voting Power 235,931 (See Item 4) 6. Shared Voting Power Number of 7,014,004 Shares (See Item Beneficially 4) Owned by 7. Sole Each Dispositive Reporting Power Person With: 235,931 (See Item 4) 8. Shared Dispositive Power

9.	7,014,004 (See Item 4) Aggregate Amount Beneficially Owned by Each Reporting Person 7,249,935 (See Item 4)
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares
11.	Percent of Class Represented by Amount in Row (9) 13.5% (See Item 4)
12.	Type of Reporting Person IN

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Item 1. Name of Issuer Item 2. Name of Person Filing Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: Item 4. Ownership Item 5. Ownership of Five Percent or Less of a Class Item 6. Ownership of More than Five Percent on Behalf of Another Person Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person Item 8. Identification and Classification of Members of the Group Item 9. Notice of Dissolution of Group Item 10. Certification SIGNATURE

Item 1.	
Ν	Jame of Issuer
(a)	
Ι	PG Photonics Corporation
A	Address of Issuer's Principal Executive Offices
^(b) 5	0 Old Webster Road
	Dxford, Massachusetts 01540
Item 2.	
Ν	lame of Person Filing
(a)	
Γ	Dr. Valentin P. Gapontsev
A	Address of Principal Business Office or, if none, Residence
(b) 5	0 Old Webster Road
	Dxford, Massachusetts 01540
	Citizenship
(c)	
	United States of America and Russian Federation
-	Title of Class of Securities
(d)	
	Common Stock, par value \$0.0001 per share
	CUSIP Number
(e)	
	4980X 10 9
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Item

If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: 3.

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 780);
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8);
- (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with $\frac{240.13d-1(b)(1)(ii)(G)}{240.13d-1(b)(1)(ii)(G)}$
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the (i)
- Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J);
- (k) Group, in accordance with \$240.13d-1(b)(1)(ii)(J).

If filing as a non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J), please specify type of institution:

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 7,249,935 (1)
- (b) $\frac{\text{Percent of class:}}{13.5\% (1)(2)}$
- (c) Number of shares as to which the person has:
 - (i) 235,931
 - (ii) Shared power to vote or to direct the vote 7,014,004 (1)

 - (iii) Sole power to dispose or to direct the disposition of 235,931
 - (iv) Shared power to dispose or to direct the disposition of 7,014,004 (1)

(1) Includes 7,014,004 shares held of record by IP Fibre Devices (UK) Ltd. ("IPFD"), of which the Reporting Person is the sole managing director. The Reporting Person has a 3% economic interest in IPFD and has voting and investment power with respect to the shares held of record by IPFD. The Reporting Person disclaims beneficial ownership of these shares except to the extent of his pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of the beneficial ownership of all the reported shares for purposes of the Securities Exchange Act of 1934, as amended, or for any other purpose.

(2) Based on 53,615,872 shares of Common Stock of IPG Photonics Corporation outstanding as of November 3, 2017.

Item 5. Ownership of Five Percent or Less of a Class If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

Ownership of More than Five Percent on Behalf of Another Item 6. Person

Not applicable.

Identification and Classification of the Subsidiary Which Item 7. Acquired the Security Being Reported on By the Parent Holding Company or Control Person Not applicable.

Item 8. Identification and Classification of Members of the Group Not applicable.

Item 9. Notice of Dissolution of Group Not applicable.

Item 10. Certification Not applicable.

Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 9, 2018 Date /s/ Valentin P. Gapontsev Signature Dr. Valentin P. Gapontsev Name/Title