GAPONTSEV VALENTIN P

Form 4

December 21, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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Section 16. Form 4 or Form 5 obligations may continue. See Instruction

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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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting F GAPONTSEV VALENTIN F	_	2. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) (First) (Middle)		3. Date of Earliest Transaction	(Check all applicable)				
C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD		(Month/Day/Year) 12/17/2010	_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) CEO & Chairman of the Board				
(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check				
OXFORD, MA 01540		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				

(City)	(State)	(Zip) Tak	ole I - N	on-	Derivative Sec	curitie	s Acquire	ed, Disposed of, o	r Beneficially	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transa Code (Instr.		4. Securities a proof Disposed of (Instr. 3, 4 and	of (D)	red (A)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
						(A) or		Reported Transaction(s)	(I) (Instr. 4)	
			Code	V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	12/17/2010		S(1)		7,200,000	D	\$ 26.64	3,902,931	D	
Common Stock	12/17/2010		$G^{(2)}$	V	800,000	D	\$0	3,102,931	D	
Common Stock	12/17/2010		S(3)		2,880,154	D	(3)	7,504,002 (3)	I	By IP Fibre Devices (UK) Ltd.
Common	12/17/2010		$G^{(4)}$	V	720,039	D	\$0	7,504,002 (4)	I	By IP

Stock

Fibre Devices (UK) Ltd.

9. Nu

Deriv

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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)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Tit Amou Under Secur (Instr	ınt of rlying	8. Price of Derivative Security (Instr. 5)	
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		

GAPONTSEV VALENTIN P C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

X X CEO

CEO & Chairman of the Board

Signatures

Angelo P. Lopresti, Attorney-in-fact

12/21/2010

**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 sold by the Reporting Person to The Valentin Gapontsev Trust I (the "Trust"), an irrevocable trust for benefit of the Reporting Person's descendants, on December 17, 2010. The transaction was done for estate planning purposes.

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- (2) Shares gifted by the Reporting Person to the Trust on December 17, 2010. The transaction was done for estate planning purposes.
 - The reported securities are held by IP Fibre Devices (UK) Ltd. ("IPFD"). On December 17, 2010, the Reporting Person sold shares representing 38.4% of the total shares outstanding of IPFD to the Trust. The aggregate purchase price for the shares of IPFD that the
- (3) Reporting Person sold to the Trust was \$43,378,560. The transaction was done for estate planning purposes. The Reporting Person disclaims beneficial ownership of the Issuer's common stock held by IPFD, 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 Section 16 of the Securities Exchange Act of 1934, as amended, or for any other purpose.
 - The reported securities are held by IPFD. On December 17, 2010, the Reporting Person gifted shares representing 9.6% of the total shares outstanding of IPFD to the Trust. The transaction was done for estate planning purposes. The Reporting Person disclaims beneficial
- (4) ownership of the IPG common stock held by IPFD, 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 Section 16 of the Securities Exchange Act of 1934, as amended, or for any other purpose.

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.