#### **IPG PHOTONICS CORP**

Form 4

September 27, 2007

## FORM 4

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

OMB Number: 3235-0287

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

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**OMB APPROVAL** 

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

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

response...

*See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** GAPONTSEV VALENTIN P	2. Issuer Name <b>and</b> Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
(Last) (First) (Middle)  C/O IPG PHOTONICS  CORPORATION, 50 OLD  WEBSTER ROAD	3. Date of Earliest Transaction (Month/Day/Year) 09/25/2007	_X_ DirectorX_ 10% Owner _X_ Officer (give title Other (specify below)  CEO & Chairman of the Board		
(Street)  OXFORD, MA 01540	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y 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. Securit or Dispos (Instr. 3, 4	ed of (	` ′	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/25/2007		S <u>(1)</u>		D	\$ 18.814 (2)	8,171,002	I	Through IP Fibre Devices (UK) Ltd.
Common Stock	09/26/2007		S(1)	150	D	\$ 20	11,778,425	D	
Common Stock	09/26/2007		S(1)	150	D	\$ 20	8,170,852	I	Through IP Fibre Devices

(UK) Ltd.

(3)

SEC 1474

(9-02)

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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.

Relationships

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

1. Title o	of 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of
Derivativ	ve Conversion	(Month/Day/Year)	Execution Date, if	Transac	tionNumber	Expiration D	ate	Amou	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8	) Derivative	e		Securi	ities	(Instr. 5)
	Derivative				Securities	3		(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
						Exercisable	Date	Title	Number	
									of	
				Code \	V (A) (D)				Shares	

## **Reporting Owners**

Reporting Owner Name / Address	Kelationsimps						
	Director	10% Owner	Officer	Other			
GAPONTSEV VALENTIN P							
C/O IPG PHOTONICS CORPORATION	v	X	CEO & Chairman of the Board				
50 OLD WEBSTER ROAD	Λ	Λ	CEO & Chairman of the Board				
OXFORD, MA 01540							

#### **Signatures**

Angelo P. Lopresti,

Attorney-in-fact 09/27/2007

\*\*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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on August 23, 2007.
- (2) Sales ranged from \$18.62 to \$18.94 as follows: 66 shares at \$18.62; 133 shares at \$18.64; 399 shares at \$18.65; 199 shares at \$18.67; 66 shares at \$18.68; 930 shares at \$18.69; 332 shares at \$18.70; 7 shares at \$18.71; 664 shares at \$18.72; 214 shares at \$18.73; 318 shares at \$18.74; 865 shares at \$18.75; 133 shares at \$18.76; 399 shares at \$18.78; 797 shares at \$18.79; 465 shares at \$18.80; 664 shares at

Reporting Owners 2

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\$18.81; 1,927 shares at \$18.82; 266 shares at \$18.83; 598 shares at \$18.84; 465 shares at \$18.85; 66 shares at \$18.86; 1,661 shares at \$18.87; 930 shares at \$18.88; 193 shares at \$18.89; 1,528 shares at \$18.90; 466 shares at \$18.91; 598 shares at \$18.92; 133 shares at \$18.93; 66 shares at \$18.95; 133 shares at \$18.94.

The reporting person is the managing director of IP Fibre Devices (UK) Ltd. and has voting and investment power with respect to the shares held of record by IP Fibre Devices (UK) Ltd. The reporting person disclaims beneficial ownership of these securities 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.