#### **IPG PHOTONICS CORP**

Form 4

September 26, 2007

## 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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January 31, 2005

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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 Add	•	_	Issuer Name <b>and</b> Ticker or Trading  Symbol	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	IPG PHOTONICS CORP [IPGP]  3. Date of Earliest Transaction	(Check all applicable)			
C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD			(Month/Day/Year) 09/24/2007	_X DirectorX 10% OwnerX Officer (give title Other (specibelow) 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)	Table I Non Darivative Securities Ac	equired Disposed of ar Reposicially Owne			

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secui	rities Acquir	ed, 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. Transactio Code (Instr. 8)	3. 4. Securities Acquired (A)  Fransactiomr Disposed of (D)  Code (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common	09/24/2007		Code V $S_{(1)}^{(1)}$	Amount 8,747	or (D)	Price \$ 18.7315	Transaction(s) (Instr. 3 and 4) 11,786,494	(Instr. 4)	
Stock	0312 11 2001		5 <u></u>	0,747	D	(2) (3)	11,700,171	Б	Through
Common Stock	09/24/2007		S <u>(1)</u>	17,319	D	\$ 18.7315	8,186,684	I	IP Fibre Devices (UK) Ltd.
Common Stock	09/25/2007		S(1)	7,919	D	\$ 18.814 (4)	11,778,575	D	

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

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**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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						*	Date	Title Number			
									of		
				Code V	(A) (D)				Shares		

## **Reporting Owners**

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

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

X X CEO & Chairman of the Board

### **Signatures**

Angelo P. Lopresti,

09/26/2007 Attorney-in-fact

\*\*Signature of Reporting Person

# **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).
- 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, **(1)**
- (2) Sales ranged from \$18.25 to \$18.97 as follows: 26 shares at \$18.25; 101 shares at \$18.29; 59 shares at \$18.30; 24 shares at \$18.31; 201 shares at \$18.32; 67 shares at \$18.33; 34 shares at \$18.36; 34 shares at \$18.40; 34 shares at \$18.46; 430 shares at \$18.50; 166 shares at \$18.51; 101 shares at \$18.52; 18 shares at \$18.53; 101 shares at \$18.55; 67 shares at \$18.56; 34 shares at \$18.57; 110 shares at \$18.58; 159 shares at \$18.59; 302 shares at \$18.61; 336 shares at \$18.63; 268 shares at \$18.64; 34 shares at \$18.65; 470 shares at \$18.69; 161 shares at \$18.70; 67 shares at \$18.71; 336 shares at \$18.72; 168 shares at \$18.73; 34 shares at \$18.74; 869 shares at \$18.75; 34 shares at \$18.76; 267 shares at \$18.77; 33 shares at \$18.7750; 101 shares at \$18.78; 67 shares at \$18.79; 201 shares at \$18.80; 235 shares at

Reporting Owners 2

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- \$18.81; 67 shares at \$18.83; 67 shares at \$18.84; 336 shares at \$18.85; 168 shares at \$18.86--Continued in Footnote (3).
- Continued from Footnote (2): 155 shares at \$18.87; 34 shares at \$18.8750; 68 shares at \$18.88; 134 shares at \$18.89; 201 shares at \$18.90; 101 shares at \$18.91; 470 shares at \$18.92; 171 shares at \$18.93; 476 shares at \$18.94; 67 shares at \$18.9450; 134 shares at \$18.95; 168 shares at \$18.950; 147 at \$18.96; 34 shares at \$18.97.
  - Sales ranged from \$18.62 to \$18.94 as follows: 34 shares at \$18.62; 67 shares at \$18.64; 201 shares at \$18.65; 101 shares at \$18.67; 34 shares at \$18.68; 470 shares at \$18.69; 168 shares at \$18.70; 3 shares at \$18.71; 336 shares at \$18.72; 107 shares at \$18.73; 161 shares at \$18.74; 435 shares at \$18.75; 67 shares at \$18.76; 201 shares at \$18.78; 403 shares at \$18.79; 235 shares at \$18.80; 336 shares at \$18.81;
- (4) 973 shares at \$18.82; 134 shares at \$18.83; 302 shares at \$18.84; 235 shares at \$18.85; 34 shares at \$18.86; 839 shares at \$18.87; 470 shares at \$18.88; 97 shares at \$18.89; 771 shares at \$18.90; 235 shares at \$18.91; 302 shares at \$18.92; 67 shares at \$18.93; 34 shares at \$18.95; 67 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
- (5) 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.