

IPG PHOTONICS CORP  
Form 3  
December 12, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â GAPONTSEV VALENTIN P		(Month/Day/Year)	IPG PHOTONICS CORP [IPGP]	
(Last)	(First)	(Middle)	12/12/2006	
C/O IPG PHOTONICS CORPORATION,Â 50 OLD WEBSTER ROAD			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)	(Check all applicable)			
	<input checked="" type="checkbox"/> Director	<input checked="" type="checkbox"/> 10% Owner		
	<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other	6. Individual or Joint/Group Filing(Check Applicable Line)	
	(give title below) (specify below)		<input checked="" type="checkbox"/> Form filed by One Reporting Person	
	CEO & Chairman of the Board		<input type="checkbox"/> Form filed by More than One Reporting Person	
OXFORD,Â MAÂ 01540				
(City)	(State)	(Zip)		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	8,204,003	I	Through IP Fibre Devices (UK) Ltd. <u>(1)</u>
Common Stock	12,061,913	D	Â

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

SEC 1473 (7-02)

**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.**

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

