IPG PHOTONICS CORP Form 3 December 12, 2006 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB approval

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

OMB 3235-0104 Number: January 31, Expires: 2005

Expires. 2005 Estimated average burden hours per response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person			 Date of Event Requiring Statement (Month/Day/Year) 		3. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]				
(Last) (I	First)	(Middle)	12/12/2006		4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)	
C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD (Street) OXFORD, MA 01540				(Check	all applicable)				
					DirectorX 1 Officer O (give title below) (specify		•	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) (S	state)	(Zip)		Table I - N	on-Derivati	ive Securiti	es Be	neficially Owned	
1.Title of Security (Instr. 4)				2. Amount of Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nat Owne (Instr	1	
Common Stock				8,204,002		D	Â		
Reminder: Report o owned directly or ir		te line for ea	ch class of secu	urities benefici	ally SI	EC 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)

1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership
	(Month/Day/Year)	Derivative Security	or Exercise	Form of	(Instr. 5)
		(Instr. 4)	Price of	Derivative	
			Derivative	Security:	

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Date	Expiration	Title	Amount or	Security	Direct (D)
Exercisable	Date		Number of		or Indirect
			Shares		(I)
					(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
IP FIBRE DEVICES LTD C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540	Â	ÂX	Â	Â	
Signatures					
Angelo P. Lopresti, as Attorney-in-Fact	12/12/20	006			
**Signature of Reporting Person	Date				

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

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.