#### **IPG PHOTONICS CORP**

Form 4

December 28, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**OMB** Number:

3235-0287

Expires:

**OMB APPROVAL** 

January 31, 2005

0.5

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Check this box

**SECURITIES** Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person \* IP FIBRE DEVICES LTD

(First)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

(Zip)

IPG PHOTONICS CORP [IPGP] 3. Date of Earliest Transaction

(Check all applicable)

C/O IPG PHOTONICS

CORPORATION, 50 OLD WEBSTER ROAD

Officer (give title below)

Director

X\_\_ 10% Owner Other (specify

(Street)

(State)

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

12/24/2007

Applicable Line)

**OXFORD, MA 01540** 

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

(,)	()	Table	e I - Non-D	erivative S	securi	ties Acqu	irea, Disposea of	, or Beneficiall	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securition(A) or Dis		•	5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3, 4	and 5	5)	Beneficially Owned	Form: Direct (D) or	Beneficial Ownership
		•					Following Reported	Indirect (I) (Instr. 4)	(Instr. 4)
					(A) or		Transaction(s)	(IIIStr. +)	
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	12/24/2007	12/27/2007	S <u>(1)</u>	23,000	D	\$ 20.22 (2)	8,052,002	D	
Common Stock	12/26/2007	12/27/2007	S <u>(1)</u>	20,000	D	\$ 20.25	8,032,002	D	

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

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number.

#### 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	Transactio	onNumber	Expiration Da	ate	Amou	nt 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)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	TC:41	or		
						Exercisable Date	of	Number			
				G 1 17	(A) (D)						
				Code V	(A) (D)				Shares		

## **Reporting Owners**

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

IP FIBRE DEVICES LTD C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

X

# **Signatures**

Angelo P. Lopresti, Attorney-in-fact

12/28/2007

\*\*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).
- 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)** 2007.

200 shares at \$20.10; 700 shares at \$20.12; 916 shares at \$20.15; 2,250 shares at \$20.16; 569 shares at \$20.17; 1,200 shares at \$20.18; 2,582 shares at \$20.19; 1,288 shares at \$20.20; 200 shares at \$20.21; 618 shares at \$20.21; 200 shares at \$20.22; 5,012 shares at \$20.22; 507 shares at \$20.23; 500 shares at \$20.24; 158 shares at \$20.25; 100 shares at \$20.30; 800 shares at \$20.31; 900 shares at \$20.33; 200 shares at \$20.34; 100 shares at \$20.35; 1,300 shares at \$20.37; 1,200 shares at \$20.38; 100 shares at \$20.41; 200 shares at \$20.43; and

Sales ranged from \$20.02 to \$20.69 as follows: 100 shares at \$20.02; 100 shares at \$20.03; 800 shares at \$20.06; 100 shares at \$20.09;

- 100 shares at \$20.69.
- (3) Sales ranged from \$19.95 to \$20.43 as follows: 100 shares at \$19.95; 200 shares at \$20.14; 100 shares at \$20.15; 200 shares at \$20.15; 500 shares at \$20.16; 2100 shares at \$20.16; 100 shares at \$20.17; 1490 shares at \$20.18; 200 shares at \$20.19; 710 shares at \$20.19; 200 shares at \$20.20; 1900 shares at \$20.20; 100 shares at \$20.21; 300 shares at \$20.21; 100 shares at \$20.22; 100 shares at \$20.23; 500 shares at \$20.24; 1100 shares at \$20.25; 400 shares at \$20.26; 100 shares at \$20.27; 400 shares at \$20.27; 700 shares at \$20.28; 1100 shares at \$20.29; 1800 shares at 20.30; 1100 shares at \$20.31; 500 shares at \$20.32; 800 shares at \$20.33; 500 shares at \$20.34; 1100

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shares at \$20.35; 100 shares at \$20.36; 100 shares at \$20.37; 1100 shares at \$20.38; 100 shares at \$20.41; and 100 shares at \$20.43.

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.