#### IPG PHOTONICS CORP

Form 4

September 26, 2007

## FORM 4

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

OMB Number:

3235-0287 January 31,

0.5

Check this box if no longer

subject to Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

Expires: 2005 Estimated average

**OMB APPROVAL** 

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obligations may continue. See Instruction

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 Address of Reporting Person \* IP FIBRE DEVICES LTD

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

09/24/2007

IPG PHOTONICS CORP [IPGP]

(Check all applicable)

(Last)

(First)

(State)

(Middle)

(Zip)

3. Date of Earliest Transaction (Month/Day/Year)

Director Officer (give title

X 10% Owner Other (specify

C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD

> (Street) 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

below)

OXFORD, MA 01540

(City)

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acquir	ed, Disposed of,	or Beneficially	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit for 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	09/24/2007		S(1)	17,319	D	\$ 18.7315 (2) (3)	8,186,683	D	
Common Stock	09/25/2007		S(1)	15,681	D	\$ 18.814 (4)	8,171,002	D	

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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#### 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	TransactionNumber		Expiration D	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)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration	T:41-	or Namelana		
						Exercisable	Date		Number		
				C 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

# **Reporting Owners**

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

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



## **Signatures**

Angelo P. Lopresti, Attorney-in-fact

09/26/2007 Date

\*\*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)** 2007.

Sales ranged from \$18.25 to \$18.97 as follows: 52 shares at \$18.25; 199 shares at \$18.29; 118 shares at \$18.30; 49 shares at \$18.31; 399 shares at \$18.32; 133 shares at \$18.33; 66 shares at \$18.36; 66 shares at \$18.40; 66 shares at \$18.46; 852 shares at \$18.50; 330 shares at \$18.51; 199 shares at \$18.52; 37 shares at \$18.53; 199 shares at \$18.55; 134 shares at \$18.56; 66 shares at \$18.57; 217 shares at \$18.58;

- 314 shares at \$18.59; 598 shares at \$18.61; 664 shares at \$18.63; 532 shares at \$18.64; 66 shares at \$18.65; 930 shares at \$18.69; 319 shares at \$18.70; 133 shares at \$18.71; 664 shares at \$18.72; 332 shares at \$18.73; 66 shares at \$18.74; 1,721 shares at \$18.75; 66 shares at \$18.76; 533 shares at \$18.77; 67 shares at \$18.7750; 199 shares at \$18.78; 133 shares at \$18.79; 399 shares at \$18.80; 465 shares at \$18.81; 133 shares at \$18.83; 133 shares at \$18.84; 664 shares at \$18.85; 332 shares at \$18.86; 307 shares \$18.87--Continued in Footnote (3).
- Continued from Footnote (2): 66 shares at \$18.8750; 136 shares at \$18.88; 266 shares at \$18.89; 399 shares at \$18.90; 199 shares at (3) \$18.91; 930 shares at \$18.92; 339 shares at \$18.93; 944 shares at \$18.94; 133 shares at \$18.9450; 266 shares at \$18.95; 332 shares at \$18.9550; 291 shares at \$18.96; 66 shares at \$18.97.
- (4) 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

Reporting Owners 2

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\$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 \$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.

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.