IPG PHOTONICS CORP

Form 4

October 24, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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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).

(City)

(State)

(Zip)

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading IP FIBRE DEVICES LTD Issuer Symbol IPG PHOTONICS CORP [IPGP] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify Officer (give title C/O IPG PHOTONICS 10/22/2007 below) CORPORATION, 50 OLD WEBSTER ROAD (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting **OXFORD, MA 01540**

·	Table 1 - Non-Derivative Securities Acquired, Disposed oi, of Deficiciany Owned								y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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	10/22/2007		S <u>(1)</u>	14,400	D	\$ 20.63 (2) (3)	8,146,602	D	
Common Stock	10/23/2007		S <u>(1)</u>	9,100	D	\$ 20.21 (4)	8,137,502	D	

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

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Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

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number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Tit	le of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Deriv	ative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Secur	ity	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr	. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(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)						
										Amount		
										Amount		
							Date	Expiration		Or		
							Exercisable	Date		Number of		
					C-J- V	(A) (D)						
					Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
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IP FIBRE DEVICES LTD C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

X

Ralationshin

Signatures

Angelo P. Lopresti, Attorney-in-fact

10/24/2007

**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).
- (1) 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, 2007.

Sales ranged from \$20.01 to \$21.36 as follows: 100 shares at \$20.01; 100 shares at \$20.03; 200 shares at \$20.04; 200 shares at \$20.06; 300 shares at \$20.07; 100 shares at \$20.08; 100 shares at \$20.09; 200 shares at \$20.10; 100 shares at \$20.12; 100 shares at \$20.14; 700 shares at \$20.25; 200 shares at \$20.26; 300 shares at \$20.30; 100 shares \$20.31; 200 shares at \$20.38; 200 shares \$20.50; 200 shares at \$20.52; 200 shares at \$20.53; 100 shares at \$20.56; 100 shares at \$20.57; 100 shares at \$20.58; 300 shares at \$20.59; 200 shares at \$20.50; 200

- (2) \$20.52; 200 shares at \$20.53; 100 shares at \$20.56; 100 shares at \$20.57; 100 shares at \$20.58; 300 shares at \$20.59; 200 shares at \$20.60; 200 shares at \$20.61; 123 shares at \$20.62; 300 shares at \$20.64; 200 shares at \$20.65; 300 shares at \$20.66; 177 shares at \$20.67; 200 shares at \$20.68; 1,100 shares at \$20.70; 1,100 shares at \$20.71; 300 shares at \$20.72; 200 shares at \$20.73; 200 shares at \$20.74; 612 shares at \$20.75; 100 shares at \$20.76; 200 shares at \$20.78; 100 shares at \$20.79; 1,388 shares at \$20.80; 200 shares at \$20.81; 900 shares at \$20.82. Cont. Footnote 3.
- (3) 600 shares at \$20.83; 698 shares at \$20.85; 200 shares at \$20.89; 400 shares at \$20.90; 2 shares at \$20.92; 30 shares at \$21.32; 100 shares at \$21.34; and 70 shares at \$21.36.

Reporting Owners 2

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Sales ranged from \$19.96 to \$20.62 as follows: 200 shares at \$19.96; 1,293 shares at \$20.06; 100 shares at \$20.07; 400 shares at \$20.08; 400 shares at \$20.10; 200 shares at \$20.11; 500 shares at \$20.12; 200 shares at \$20.13; 300 shares at \$20.14; 200 shares at \$20.145; 100 shares at \$20.15; 100 shares at \$20.16; 300 shares at \$20.17; 74 shares at \$20.18; 100 shares at \$20.199; 100

(4) shares at \$20.20; 100 shares at \$20.21; 100 shares at \$20.22; 900 shares at \$20.24; 526 shares at \$20.25; 100 shares at \$20.255; 183 shares at \$20.26; 17 shares at \$20.27; 100 shares at \$20.294; 200 shares at \$20.30; 300 shares at \$20.37; 88 shares at \$20.39; 112 shares at \$20.40; 200 shares at \$20.41; 100 shares at \$20.42; 100 shares at \$20.43; 200 shares at \$20.44; 200 shares at \$20.46; 100 shares at \$20.53; 100 shares at \$20.545; 100 shares at \$20.59; 200 shares at \$20.60; and 100 shares at \$20.62.

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.