Lopresti Angelo P Form 4 October 03, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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

See Instruction 1(b).

(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 Lopresti Angelo P Issuer Symbol IPG PHOTONICS CORP [IPGP] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify C/O IPG PHOTONICS 10/01/2007 below) CORPORATION, 50 OLD VP, Secretary & Gen Counsel 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

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative Securi	ities Acquir	ed, Disposed of,	or Beneficiall	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. Securities Acquired (A) our Disposed of (D) (Instr. 3, 4 and 5) (A) or		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	10/01/2007		M	Amount (D) 10,000 A	Price \$ 1.5	110,000	D	
Common Stock	10/01/2007		S(1)	10,000 D	\$ 19.3589 (2)	100,000	D	

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

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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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 1.5	10/01/2007		M	10,000	(3)	04/05/2012	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Lopresti Angelo P C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

VP, Secretary & Gen Counsel

Signatures

Angelo P.

Lopresti 10/03/2007

**Signature of Person

**Bignature of 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).
- (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 15, 2007

200 shares at \$19.20; 400 shares at \$19.22; 100 shares at \$19.24; 177 shares at \$19.26; 638 shares at \$19.27; 300 shares at \$19.28; 200 shares at \$19.30; 715 shares at \$19.31; 100 shares at \$19.32; 100 shares at \$19.33; 569 shares at \$19.34; 100 shares at \$19.3450; 520 shares at \$19.35; 100 shares at \$19.36; 542 shares at \$19.37; 400 shares at \$19.38; 300 shares at \$19.39; 200 shares at \$19.40; 200 shares at \$19.41; 700 shares at \$19.42; 714 shares at \$19.43; 1,079 at \$19.44; 301 shares at \$19.45; 200 shares at \$19.46; 400 shares at 19.47; 100 shares at \$19.48; 45 shares at \$19.49; 100 shares at \$19.66.

Sales ranged from \$19.14 to \$19.66 as follows: 100 shares at \$19.14; 100 shares at \$19.15; 100 shares at \$19.16; 200 shares at \$19.19;

(3) Mr. Lopresti was granted options to purchase 200,000 shares; 43.75% of these options vested immediately and the remainder vested in three equal annual installments of 37,500 shares beginning on 12/29/02.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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