Lopresti Angelo P Form 4 December 10, 2009

Check this box

if no longer

subject to

Section 16.

Form 4 or

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

Washington, D.C. 20549

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OMB APPROVAL

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SECURITIES

Form 5 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).

(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 12/09/2009 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

(State)

(Zip)

(City)

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price		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	12/09/2009		M	15,000	A	\$ 1.5	120,039	D	
Common Stock	12/09/2009		S <u>(1)</u>	15,000	D	\$ 16.82	105,039	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

(2)

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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. Transactio Code (Instr. 8)	5. Number of ctionDerivative Securities B) 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	12/09/2009		M		11,379	(3)	03/03/2014	Common Stock	11,379
Employee Stock Option (right to buy)	\$ 1.88	12/09/2009		M		3,621	<u>(4)</u>	09/22/2015	Common Stock	3,621

Reporting Owners

Reporting Owner Name / Address	Relationships						
	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 12/10/2009

**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 September 15, 2009.
- The reported transaction involved sales transactions from \$16.70 to \$17.16 per share. The Reporting Person undertakes to provide upon request by the SEC staff, the Issuer or a security holder of the Issuer information regarding the number of shares sold at each separate price.

Reporting Owners 2

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- (3) These options were exercisable immediately.
- (4) These options were exercisable in 4 equal annual installments.

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