Lopresti Angelo P Form 4 June 24, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires: January 31, 2005

OMB APPROVAL

Estimated average burden hours per response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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 A Lopresti An	address of Repo	orting Person *	2. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD			(Month/Day/Year) 06/22/2011	Director 10% Owner Officer (give title Other (special below) VP, Secretary & Gen Counsel			
(Street) OXFORD, MA 01540			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
			Filed(Month/Day/Year)				
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ad	cquired, Disposed of, or Beneficially Own			
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(City)	(State) (Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock	06/22/2011		M	7,900	A		53,249	D		
Common Stock	06/22/2011		S <u>(1)</u>	7,900	D	\$ 65.69 (2)	45,349	D		
Common Stock	06/23/2011		M	2,100	A	\$ 5.37	47,449	D		
Common Stock	06/23/2011		S(1)	2,100	D	\$ 65.33 (3)	45,349	D		

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

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SEC 1474 (9-02)

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 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)	\$ 5.37	06/22/2011		M	7,900	<u>(4)</u>	04/18/2016	Common Stock	7,900
Employee Stock Option (right to buy)	\$ 5.37	06/23/2011		M	2,100	<u>(4)</u>	04/18/2016	Common Stock	2,100

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 06/24/2011

**Signature of Date

Reporting Person

Reporting Owners 2

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 May 9, 2011.
- The reported transaction involved sales transactions from \$65.00 to \$66.64 per share. The Reporting Person undertakes to provide upon (2) request by the SEC staff, the Issuer or a security holder of the Issuer information regarding the number of shares sold at each separate
- (2) 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.
- The reported transaction involved sales transactions from \$65.00 to \$66.03 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.
- (4) These options were exercisable in 5 equal annual installments starting April 18, 2007.

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.