Shiner William H Form 5 January 05, 2010

Check this box if

no longer subject

to Section 16.

5 obligations

may continue. See Instruction

Form 4 or Form

FORM 5 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL

OMB 3235-0362 Number: January 31,

Expires: 2005

1.0

Estimated average burden hours per

response...

OWNERSHIP OF SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

Washington, D.C. 20549

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL

1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

(City)

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Shiner William H Symbol IPG PHOTONICS CORP [IPGP] (Check all applicable) (First) 3. Statement for Issuer's Fiscal Year Ended (Last) (Middle) (Month/Day/Year) Director 10% Owner _X__ Officer (give title Other (specify 12/31/2009 below) below) C/O IPG PHOTONICS VP, Industrial Products CORPORATION. 50 OLD WEBSTER ROAD (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) OXFORD, MAÂ 01540 _X_ Form Filed by One Reporting Person

Form Filed by More than One Reporting Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

						-	•	/ ²	/ T	
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transaction	4. Securi			5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect	
(Instr. 3)	(Monday Buy) Tour)	any	Code	(D)	ispose	. 01	Beneficially	(D) or	Beneficial	
(,		(Month/Day/Year)	(Instr. 8)	(Instr. 3,	4 and	5)	Owned at end	Indirect (I)	Ownership	
		•					of Issuer's	(Instr. 4)	(Instr. 4)	
					(4)		Fiscal Year			
					(A)		(Instr. 3 and			
				Amount	or (D)	Price	4)			
Common	•			Amount	(D)	\$				
	12/31/2009	Â	A	905	A	9.54	59,580 <u>(1)</u>	D	Â	
Stock						9.34				

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

(State)

(Zip)

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SEC 2270 (9-02)

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

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1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)		4. Transaction Code	5. Number of	6. Date Exerc Expiration Do (Month/Day/	ate	7. Title Amou Under	nt of	8. Price of Derivative Security	
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	e	. va.,	Securi	, ,	(Instr. 5)	
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

of D

Is Fi

Reporting Owners

Reporting Owner Name / Address	Relationships					
reposing 6 mar runner, runners	Director	10% Owner	Officer	Other		
Shiner William H C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540	Â	Â	VP, Industrial Products	Â		

Signatures

Angelo P. Lopresti,
Attorney-in-fact

**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) Includes 905 shares acquired under the IPG Employee Stock Purchase Plan on December 31, 2009.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.

Reporting Owners 2