Shiner Willi Form 5	am H										
January 05,	2010										
FORM	15								PPROVAL		
	RITIES AND EXCHANGE COMMISSION			OMB Number:	3235-0362						
Check thi no longer	shington, D.C. 20549				Expires:	January 31, 2005					
to Section Form 4 or 5 obligati may cont See Instru	r Form <b>ANN</b> ons inue. action	OWNE	MENT OF CHANGES IN BENEFICIAL ERSHIP OF SECURITIES				Estimated average burden hours per response 1.0				
1(b). Form 3 H Reported Form 4 Transacti Reported	oldings Section 17(a			ng Compa	any Act	t of 1		1			
Shiner William H Sy			2. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]				5. Relationship of Reporting Person(s) to Issuer				
(Month/I			atement for Issuer's Fiscal Year Ended nth/Day/Year) 31/2009			-	(Check all applicable)				
	HOTONICS ATION, 50 OLD AROAD					b	velow) VP, Ind	below) dustrial Produc	rts		
	nendment, Date Original 6. Individua onth/Day/Year)			. Individual or Jo	or Joint/Group Reporting						
							(checl	k applicable line)	)		
OXFORD,	MA 01540					_	X_ Form Filed by ( Form Filed by N Person				
(City)	(State)	(Zip) Ta	ble I - Non-Der	ivative See	curities A	Acqui	red, Disposed of	, or Beneficial	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, i any (Month/Day/Year	Code	(A) or D (D)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A)		5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
Common Stock	12/31/2009	Â	А	Amount 905	\$	Price 6 9.54		D	Â		
	port on a separate line ficially owned directl		contained i	n this for	m are n	ot re	lection of infor quired to respo	ond unless	SEC 2270 (9-02)		

contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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

## Edgar Filing: Shiner William H - Form 5

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. Transaction 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)		Amou Unde Secur	le and unt of rlying iities . 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. O B O E I S G E I S (I
					(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address		Relationships							
	Director	10% Owner	Officer	Other					
Shiner William H C/O IPG PHOTONICS CORPORATIO 50 OLD WEBSTER ROAD OXFORD, MA 01540	'n Â	Â	VP, Industrial Products	Â					
Signatures									
Angelo P. Lopresti, Attorney-in-fact	01/05/2010								
**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.