Shiner William H Form 4 October 15, 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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response...

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

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person * Shiner William H

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

IPG PHOTONICS CORP [IPGP]

(Check all applicable)

C/O IPG PHOTONICS

3. Date of Earliest Transaction (Month/Day/Year)

Director 10% Owner _X__ Officer (give title Other (specify below)

10/11/2007

VP, Industrial Products

CORPORATION, 50 OLD WEBSTER ROAD

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

(Middle)

X Form filed by One Reporting Person Form filed by More than One Reporting

OXFORD, MA 01540

(City)	(State)	(Zip) 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. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	10/11/2007		M	5,000	A	\$ 1.5	5,000	D		
Common Stock	10/11/2007		S(1)	100	D	\$ 19.61	4,900	D		
Common Stock	10/11/2007		S(1)	100	D	\$ 19.69	4,800	D		
Common Stock	10/11/2007		S(1)	600	D	\$ 19.7	4,200	D		
Common Stock	10/11/2007		S(1)	285	D	\$ 19.72	3,915	D		

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Common Stock	10/11/2007	S <u>(1)</u>	909	D	\$ 19.73 3,006	D
Common Stock	10/11/2007	S <u>(1)</u>	100	D	\$ 19.734 2,906	D
Common Stock	10/11/2007	S <u>(1)</u>	214	D	\$ 19.74 2,692	D
Common Stock	10/11/2007	S <u>(1)</u>	500	D	\$ 19.75 2,192	D
Common Stock	10/11/2007	S <u>(1)</u>	657	D	\$ 19.76 1,535	D
Common Stock	10/11/2007	S <u>(1)</u>	686	D	\$ 19.77 849	D
Common Stock	10/11/2007	S <u>(1)</u>	400	D	\$ 19.78 449	D
Common Stock	10/11/2007	S <u>(1)</u>	249	D	\$ 19.8 200	D
Common Stock	10/11/2007	S <u>(1)</u>	100	D	\$ 19.84 100	D
Common Stock	10/11/2007	S(1)	100	D	\$ 19.85 0	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. Transact Code (Instr. 8)	5. Number tion Derivative Securities) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	V (A	A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 1.5	10/11/2007		M		5,000	(2)	09/20/2012	Common Stock	5,000

(right to buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Shiner William H C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

VP, Industrial Products

Signatures

Angelo P. Lopresti, Attorney-in-fact

10/15/2007

**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 5, 2007.
- (2) All of these options became exercisable because of the attainment of performance targets between 2002-2004.

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.

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