Shcherbakov Eugene A Form 4 October 18, 2007

FORM 4

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

Washington, D.C. 20549
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

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

SECURITIES

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 Shcherbakov Eugene A Issuer Symbol IPG PHOTONICS CORP [IPGP] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X_ Director 10% Owner _X__ Officer (give title _ Other (specify C/O IPG PHOTONICS 10/16/2007 below) CORPORATION, 50 OLD Managing Director of IPG Laser **WEBSTER ROAD** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Applicable Line) Filed(Month/Day/Year) _X_ Form filed by One Reporting Person Form filed by More than One Reporting OXFORD, MA 01540

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y 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 (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or				5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form: Direct (D) or Indirect (I) (s) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	10/16/2007		S <u>(1)</u>	11,700	D	\$ 22	208,294	D	
Common Stock	10/17/2007		S <u>(1)</u>	8,400	D	\$ 22	199,894	D	
Common Stock	10/17/2007		S(1)	1,600	D	\$ 22.01	198,294	D	
Common Stock	10/17/2007		S(1)	1,600	D	\$ 22.02	196,694	D	
Common Stock	10/17/2007		S <u>(1)</u>	500	D	\$ 22.03	196,194	D	

OMB APPROVAL

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Common Stock	10/17/2007	S <u>(1)</u>	1,000	D	\$ 22.04	195,194	D
Common Stock	10/17/2007	S(1)	200	D	\$ 22.045	194,994	D
Common Stock	10/17/2007	S <u>(1)</u>	1,500	D	\$ 22.05	193,494	D
Common Stock	10/17/2007	S <u>(1)</u>	900	D	\$ 22.06	192,594	D
Common Stock	10/17/2007	S <u>(1)</u>	200	D	\$ 22.07	192,394	D
Common Stock	10/17/2007	S <u>(1)</u>	900	D	\$ 22.08	191,494	D
Common Stock	10/17/2007	S <u>(1)</u>	200	D	\$ 22.09	191,294	D
Common Stock	10/17/2007	S <u>(1)</u>	100	D	\$ 22.1	191,194	D
Common Stock	10/17/2007	S <u>(1)</u>	200	D	\$ 22.13	190,994	D
Common Stock	10/17/2007	S(1)	500	D	\$ 22.16	190,494	D
Common Stock	10/17/2007	S(1)	200	D	\$ 22.17	190,294	D
Common Stock	10/17/2007	S(1)	200	D	\$ 22.18	190,094	D
Common Stock	10/17/2007	S <u>(1)</u>	100	D	\$ 22.23	189,994	D

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

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SEC 1474 (9-02)

 $\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
	Derivative				Securities	S	(Instr. 3 and 4)		Own
	Security				Acquired				Follo
					(A) or				Repo
					Disposed				Trans
					of (D)				(Instr
					(Instr. 3,				

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4, and 5)

Date Expiration Date Expiration Title Number of Code V (A) (D)

Code V (A) (D)

Exercisable Date Title Shares

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

X

Shcherbakov Eugene A C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

Managing Director of IPG Laser

Relationships

Signatures

Angelo P. Lopresti,
Attorney-in-fact 10/18/2007

**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 August 15, 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.

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