Shcherbakov Eugene A Form 4 February 07, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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

Check this box

obligations may continue. See Instruction

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).

1. Name and Address of Reporting Person * Shcherbakov Eugene A

2. Issuer Name and Ticker or Trading Symbol

IPG PHOTONICS CORP [IPGP]

5. Relationship of Reporting Person(s) to Issuer

(Last) (First)

(Middle)

(Zip)

3. Date of Earliest Transaction

(Month/Day/Year) 02/06/2012

_X__ Director 10% Owner Other (specify

(Check all applicable)

X_ Officer (give title below)

Managing Director of IPG Laser

C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD

> (Street) 4. If Amendment, Date Original

> > Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

stive Committee Accusin

OXFORD, MA 01540

(State)

(City)

(,)	()	Table	e I - Non-D	erivative	Secur	ities Acqu	uired, Disposed o	i, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securion(A) or D (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/06/2012		Code V M	Amount 3,000	(D)	Price \$ 5.37	10,660	D	
Common Stock	01/19/2012		S(1)	3,000	D	\$ 55.42 (2)	7,660	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. 5. Number Transaction Derivativ Code Securities (Instr. 8) 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	02/06/2012		M	3,000	(3)	04/18/2016	Common Stock	3,000

Reporting Owners

Reporting Owner Name / Address				•	
	Director	10% Owner	Officer		Other

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

X

Managing Director of IPG Laser

Relationships

Signatures

Angelo P. Lopresti, Attorney-in-fact

02/07/2012

**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 November 2, 2011.
- The reported transaction involved sales transactions from \$55.37 to \$55.54 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.
- (3) These options are exercisable in five equal annual installments beginning on 4/18/07.

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.

Reporting Owners 2