Samartsev Igor Form 4 February 22, 2012

FORM 4

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

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

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

may continue. See Instruction

Form 4 or

obligations

Form 5

1(b).

(Last)

(City)

Common

Stock

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. Name and Address of Reporting Person * Samartsev Igor

(First) (Middle)

C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD

OXFORD, MA 01540

(Street)

(State)

02/14/2012

2. Issuer Name and Ticker or Trading Symbol

IPG PHOTONICS CORP [IPGP]

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

02/14/2012

4. If Amendment, Date Original

A

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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

Chief Technology Officer

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

(A)

5. Amount of Securities Beneficially Owned Following Reported

Form: Direct (D) or Indirect (I) (Instr. 4)

D

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

Transaction(s) (Instr. 3 and 4)

or

Code V Amount (D) Price

\$0 1,470 (1)

384,634

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)

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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. Transactic 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)		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)	\$ 58.65	02/14/2012		A	9,000	<u>(1)</u>	02/13/2022	Common Stock	9,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
. F	Director	10% Owner	Officer	Other		
Samartsev Igor C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540	X	X	Chief Technology Officer			

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) Grant of restricted stock units and stock options vest in four equal quarterly installments commencing on March 31, 2016.

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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