Samartsev Igor Form 4/A May 10, 2011

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Expires: January 31, 2005
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Section 16.

Form 4 or

Form 5

Filed pursuant to Section 16(a) of the Securities F

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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

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 Samartsev Igor Issuer Symbol IPG PHOTONICS CORP [IPGP] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director X__ 10% Owner Other (specify X_ Officer (give title C/O IPG PHOTONICS 03/08/2010 below) CORPORATION, 50 OLD Chief Technology Officer WEBSTER ROAD (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person 03/02/2011 Form filed by More than One Reporting OXFORD, MA 01540

(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned
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1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities	s Acqu	iired	5. Amount of	6. Ownership	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transaction(A) or Disposed of (D)			Securities	Form: Direct	Indirect	
(Instr. 3)		any	Code (Instr. 3, 4 and 5)		Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)		Owned	Indirect (I)	Ownership		
							Following	(Instr. 4)	(Instr. 4)
					(4)		Reported		
					(A)		Transaction(s)		
			Code V	A 4	or	D	(Instr. 3 and 4)		
a			Code V	Amount	(D)	Price			
Common	03/08/2010		J(1)	550,000	Α	\$ 0	550,000 (3)	Ţ	By Wife
Stock	03/00/2010		' —	220,000	11	(1)	220,000 _	•	By wife
C						Φ.Ω			
Common	03/01/2011		A	1,875	Α	\$0	383,164	D	
Stock	05/01/2011			1,075	••	(2)	505,101	_	

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

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SEC 1474

(9-02)

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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. Transaction Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	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)	\$ 53.76	03/01/2011		A	10,900	(2)	02/28/2021	Common Stock	10,900

Reporting Owners

Reporting Owner Name / Address	Kelationships						
<u>,</u>	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

05/10/2011 Date

**Signature of Reporting Person

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 shares beneficially owned by wife upon marriage to the Reporting Person.
- (2) Grant of restricted stock units and stock options vesting 25% on March 31, 2015, June 30, 2015, September 30, 2015 and December 31, 2015.
- This amendment revises the reporting of shares indirectly owned and directly owned by the Reporting Person by separating the respective types of ownership. The Form 4 filed by the Reporting Person on May 9, 2011 is also amended by deducting 550,000 shares from each amount in Column 5 in Table I.

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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