Ovtchinnikov Alexander Form 4 January 07, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

30(h) of the Investment Company Act of 1940

OMB APPROVAL OMB

3235-0287 Number: January 31, Expires:

2005 Estimated average

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

SECURITIES Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

1(b).

Common

Stock

01/04/2010

(Print or Type Responses)

See Instruction

1. Name and A Ovtchinniko	Symbol	2. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First) (N	Middle) 3. Date of	3. Date of Earliest Transaction				(Check an applicable)			
		(Month/D	ay/Year)				Director		Owner	
C/O IPG PI	HOTONICS	01/04/2	01/04/2010				_X_ Officer (give below)	e title Othe below)	er (specify	
CORPORA	TION, 50 OLD						Vice President			
WEBSTER	ROAD									
	(Street)	4. If Ame	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
		Filed(Mor	Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
OXFORD,	MA 01540									
(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned	
1.Title of	2. Transaction Date	2A. Deemed	med 3. 4. Securities Acquired			cquired	5. Amount of	6. Ownership	7. Nature of	
Security	(Month/Day/Year)	Execution Date, if		action(A) or Disposed of (D)			Securities		Indirect	
(Instr. 3)	any Code (Instr. 3, 4 and 5)				5)	Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)				Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)	
							Reported	(mou. 1)	(mour i)	
					(A) or		Transaction(s)			
			Code V	Amount	(D)	Price	(Instr. 3 and 4)			
Common	01/04/2010	01/05/2010	M	107	٨	0006	112 442	D		
Stock	01/04/2010	01/05/2010	M	487	A	\$ 8.20	113,443	D		
						4				

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

 $S^{(1)}$

487

01/05/2010

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112,956

D

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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. Transacti Code (Instr. 8)	5. Number on f 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)	\$ 8.26	01/04/2010	01/05/2010	M	487	<u>(2)</u>	02/25/2019	Common Stock	487

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Ovtchinnikov Alexander C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

Vice President

8. F Der Sec (Ins

Signatures

Angelo P. Lopresti,

Attorney-in-fact 01/07/2010

**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 11, 2009.
- (2) Vesting 50% on December 1, 2009 and the balance in 12 equal monthly installments commencing January 1, 2010 though December 1, 2010 inclusive.

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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