Mammen Timothy PV Form 4 September 14, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**OMB** Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

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Check this box

**SECURITIES** 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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

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 Mammen Timothy PV Issuer Symbol IPG PHOTONICS CORP [IPGP] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner Other (specify X\_ Officer (give title C/O IPG PHOTONICS 09/12/2007 below) CORPORATION, 50 OLD Vice President & CFO WEBSTER ROAD (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year)

OXFORD, MA 01540

Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned						
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	on Date, if Transactioner Disposed of (D) Code (Instr. 3, 4 and 5)			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	09/12/2007		M	16,668 A	\$ 1.5	108,667	D	
Common Stock	09/12/2007		S <u>(1)</u>	16,668 D	\$ 18.1666 (2)	91,999	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. Transactic Code (Instr. 8)	5. Number of orDerivative 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)	\$ 1.5	09/12/2007		M	16,668	(3)	05/01/2009	Common Stock	16,668

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Mammen Timothy PV C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

Vice President & CFO

## **Signatures**

Angelo P. Lopresti, Attorney-in-fact

09/14/2007

\*\*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 13, 2007.

Sales ranged from \$17.90 to \$18.43 as follows: 600 shares at \$17.90; 400 shares at \$17.92; 200 shares at \$17.93; 186 shares at \$17.94; 1,114 shares at \$17.96; 100 shares at \$18.01; 1,007 shares at \$18.02; 100 shares at \$18.0350; 1,293 shares at \$18.04; 400 shares at \$18.05; 300 shares at \$18.06; 1,000 shares at \$18.07; 100 shares at \$18.09; 300 shares at \$18.10; 100 shares at \$18.13; 100 shares at

- (2) \$18.15; 175 shares at \$18.16; 25 shares at \$18.17; 372 shares at \$18.18; 247 shares at \$18.19; 528 shares at \$18.20; 300 shares at \$18.21; 1,845 shares at \$18.22; 200 shares at \$18.23; 400 shares at \$18.24; 149 shares at 18.27; 800 shares at \$18.28; 100 shares at \$18.2850; 529 shares at \$18.29; 100 shares at \$18.3050; 379 shares at \$18.31; 245 shares at \$18.32; 490 shares at \$18.33; 9 shares at \$18.34; 100 shares at \$18.35; 122 shares at \$18.36; 300 shares at \$18.38; 600 shares at \$18.39; 200 shares at \$18.40; 628 shares at \$18.41; 200 shares at \$18.4150 and 325 shares at \$18.43.
- (3) These options became exercisable in 4 equal installments beginning on 5/1/00.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Reporting Owners 2

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