Mammen Timothy PV
Form 4
December 12, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF 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 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number:	3235-0287
Expires:	January 31, 2005
Estimated average burden hours per response...	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Mammen Timothy PV

(Last) (First) (Middle)

C/O IPG PHOTONICS CORPORATION, 50 OLD WEBSTER ROAD

(Street)

OXFORD, MA 01540

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
IPG PHOTONICS CORP [IPGP]

3. Date of Earliest Transaction (Month/Day/Year)
12/10/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Vice President & CFO

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	12/10/2007		M		16,666	A	$ 1.5	108,665	D	
Common Stock	12/10/2007		S(1)		16,666	D	$ 20.16 (2)	91,999	D	

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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 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)	$ 1.5	12/10/2007		M			16,666	(3)	05/01/2009	Common Stock	16,666

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	12/12/2007
**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.

(2) Sales ranged from $20.01 to $20.44 as follows: 600 shares at $20.01; 100 shares at $20.04; 200 shares at $20.05; 1,100 shares at $20.06; 200 shares at $20.08; 700 shares at $20.10; 700 shares at $20.11; 300 shares at $20.12; 200 shares at $20.13; 400 shares at $20.13; 100 shares at $20.14; 1,000 shares at $20.15; 1,200 shares at $20.15; 732 shares at $20.16; 900 shares at $20.17; 3,286 shares at $20.17; 200 shares at $20.18; 448 shares at $20.19; 1,800 shares at $20.20; 100 shares at $20.22; 300 shares at $20.23; 100 shares at $20.25; 1,000 shares at $20.28; 100 shares at $20.29; 100 shares at $20.30; 300 shares at $20.31; 100 shares at $20.34; 200 shares at $20.35; 100 shares at $20.38; and 100 shares at $20.44.

(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.
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.