#### IPG PHOTONICS CORP

Form 4

December 20, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

3235-0287

**OMB APPROVAL** 

Expires:

January 31, 2005

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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).

Common

Stock

12/18/2006

(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 TA ASSOCIATES IX LLC Issuer Symbol IPG PHOTONICS CORP [IPGP] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction X\_ Director (Month/Day/Year) 10% Owner Other (specify Officer (give title JOHN HANCOCK TOWER, 200 12/18/2006 below) below) **CLARENDON ST. 56TH FLOOR** See General Remarks (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 Form filed by More than One Reporting BOSTON, MA 02116 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) Direct (D) Ownership (Instr. 8) Owned Following or Indirect (Instr. 4) Reported (A)

Code V

C

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Transaction(s)

(Instr. 3 and 4)

1,962,108

or

(D)

A

Price

(2)

Amount

1,962,108

(Instr. 4)

I

See

1 (1)

Footnote

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. Transaction Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercise Expiration Date (Month/Day/Y	e	7. Title and A Underlying S (Instr. 3 and	Securition
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou Numb Shares
Series B Preferred Stock	(2)	12/18/2006		C	1,028,000	(2)	<u>(2)</u>	Common Stock	1,96
Series B Warrants	<u>(3)</u>	12/18/2006		D	\$ 5,962,400	12/18/2006	04/01/2008	Common Stock	Ω

# **Reporting Owners**

Relationships				
Director	10% Owner	Officer	Other	
X			See General Remarks	
		Director 10% Owner	Director 10% Owner Officer	

# **Signatures**

TA Associates IX LLC	12/20/2006
**Signature of Reporting Person	Date
By: TA Associates, Inc., its Manager	12/20/2006
**Signature of Reporting Person	Date
By: Thomas P. Alber, Chief Financial Officer	12/20/2006
**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).
- The reporting person may be deemed to have an indirect pecuniary interest as the General Partner of TA IX L.P. The reporting person disclaims beneficial ownership of such shares because the reporting person's indirect pecuniary interest is subject to indeterminable future events.
- The Series B Preferred Stock had no expiration date and was convertible into a combination of Common Stock and Subordinated Debt with a value equal to the greater of (i) the consideration the holders would have received if the Issuer had been sold and (ii) the consideration the holders would have received at a conversion price of \$15.00 per share. The Series B Preferred Stock converted into 1,962,108 shares of Common Stock and \$5,410,526.32 of Subordinated Debt.
- The Warrants entitled the holder to purchase a number of shares of Common Stock of the Issuer equal to \$5,962,400 divided by an amount equal to 50% of the public offering price at an exercise price equal to 50% of the public offering price and were exercisable only upon a public offering, merger, liquidation or sale of the issuer. The issuer also had the right to repurchase the Warrants at a price determined by reference to the public offering price. The issuer repurchased the Warrants for \$5,975,250.

Reporting Owners 2

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#### **Remarks:**

The Reporting Person has a representative on the Issuer's board of directors. Michael Child currently serves as the Reporting

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