#### TA ADVENT VIII LP

Form 4

December 20, 2006

## FORM 4

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

OMB Number:

3235-0287

0.5

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005
Estimated average

**OMB APPROVAL** 

Section 16. Form 4 or Form 5 obligations

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

burden hours per response...

may continue. *See* Instruction

30(h) of the Investment Company Act of 1940

1(b).

Common

Stock

12/18/2006

(Print or Type Responses)

1. Name and Address of Reporting Person * TA ADVENT VIII LP			2. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]		5. Relationship of Reporting Person(s) to Issuer				
(Last)	(First)	(Middle)	3. Date of	Earliest Tr	ansaction	(Clie	ck all applicable	;)	
			(Month/D	ay/Year)		_X_ Director		Owner	
JOHN HANCOCK TOWER, 200			12/18/2006			Officer (giv	e title Other	er (specify	
CLARENDON ST, 56TH FLOOR						ceio II)	001011)		
(Street)			4. If Amendment, Date Original			6. Individual or Joint/Group Filing(Check			
			Filed(Mon	th/Day/Year	)	Applicable Line)	0 D ( D		
BOSTON, MA 02116			_X_ Form filed by One Reporting Persor Form filed by More than One Repo Person						
(City)	(State)	(Zip)	Tabl	e I - Non-D	Perivative Securities Acq	uired, Disposed o	of, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Ye	ar) Execution	med on Date, if Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership	

Code V

 $\mathbf{C}$ 

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)

Following

Reported

916,160

Transaction(s)

(Instr. 3 and 4)

(A)

or

(D)

Amount

916,160

Price

(1)

(Instr. 4)

D

(Instr. 4)

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 Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securition (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou Numb Shares
Series B Preferred Stock	(1)	12/18/2006		C	480,000	<u>(1)</u>	<u>(1)</u>	Common Stock	916,
Series B Warrants	(2)	12/18/2006		D	\$ 2,784,000 (2)	12/18/2006	04/01/2008	Common Stock	<u>(2</u>

## **Reporting Owners**

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
TA ADVENT VIII LP JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116	X				

## **Signatures**

<b>.</b>			
TA/Advent VIII L.P.	12/20/2006		
**Signature of Reporting Person	Date		
By: TA Associates VIII LLC, its General Partner	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 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 916,160 shares of Common Stock and \$2,526,315.78 of Subordinated Debt.
- (2) The Warrants entitled the holder to purchase a number of shares of Common Stock of the Issuer equal to \$2,784,000 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

Reporting Owners 2

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determined by reference to the public offering price. The issuer repurchased the Warrants for \$2,790,000.

#### **Remarks:**

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