IPG PHOTONICS CORP Form 3 December 12, 2006 FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 OMB approval

INITIAL STATEMENT OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person TA ADVENT VIII LP		Statement	2. Date of Event Requiring Statement(Month/Day/Year)		3. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]					
· · · · ·	irst) (Mid	dle) 12/12/2006	12/12/2006		o of Reporting suer		5. If Amendment, Date Original Filed(Month/Day/Year)			
TOWER, 200 ST, 56TH FLOC (St	N HANCOCK TER, 200 CLARENDON 6TH FLOOR (Street) FON, MA 02116			(Check all applicable) X_Director10% Owner OfficerOther (give title below) (specify below)		w)	 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One 			
(City) (St 1.Title of Security (Instr. 4)	ate) (Zi	· · · · ·	Table I - N 2. Amount of Beneficially ((Instr. 4)	Securities Owned	ve Securitie 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	es Ber	1			
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02) 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 1473 (7-02)										
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)										

1. Title of Derivative Security (Instr. 4)	2		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	Ownership
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D)	(1150.5)

3235-0104

January 31,

2005

0.5

Number:

Expires:

response...

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				Shares		or Indirect (I) (Instr. 5)	
Series B Preferred Stock			Common Stock	354,767	\$ <u>(1)</u>	D	Â
Series B Warrants	12/12/2006	04/01/2008	Common Stock	<u>(2)</u>	\$ <u>(2)</u>	D	Â

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	ÂX	Â	Â	Â		
Signatures						
TA/Advent VIII L.P.	12/12/2006					
**Signature of Reporting Person	Date					
By: TA Associates VIII LLC, its General Partner	l	12/12/2	2006			
**Signature of Reporting Person		Date	e			
By: TA Associates, Inc., its Manager		12/12/2	2006			
**Signature of Reporting Person		Date	e			
By: Thomas P. Alber, Chief Financial Officer		12/12/2	2006			
**Signature of Reporting Person		Date	e			

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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 number of shares of Common Stock is subject to adjustment based upon the initial public offering price in connection with the issuer's initial public offering.
- (2) The number of shares of Common Stock underlying the warrants is indeterminate and will be determined based upon the initial public offering price of the Common Stock in connection with the issuer's initial public offering.

(3) N/A

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Remarks:

The Reporting Person has a representative on the issuer's board of directors. Â Michael Child current

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.