

IPG PHOTONICS CORP  
Form 3  
December 12, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â TA / ATLANTIC & PACIFIC IV LP		(Month/Day/Year) 12/12/2006	IPG PHOTONICS CORP [IPGP]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
JOHN HANCOCK TOWER,Â 200 CLARENDON ST. 56TH FLOOR			(Check all applicable)	
(Street)			<input checked="" type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
BOSTON,Â MAÂ 02116			<input type="checkbox"/> Officer	<input type="checkbox"/> Other
(City)	(State)	(Zip)	(give title below)	(specify below)
			6. Individual or Joint/Group Filing(Check Applicable Line)	
			<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input type="checkbox"/> Form filed by More than One Reporting Person	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Series B Preferred Stock	12/12/2006	Â (3)	Common Stock	328,515	\$ (1)	D	Â
Series B Warrants	12/12/2006	04/01/2008	Common Stock	(2)	\$ (2)	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
TA / ATLANTIC & PACIFIC IV LP JOHN HANCOCK TOWER 200 CLARENDON ST. 56TH FLOOR BOSTON,Â MAÂ 02116	Â X	Â	Â	Â

## Signatures

TA/Atlantic and Pacific IV L.P.	12/12/2006
<u>    </u> **Signature of Reporting Person	Date
By: TA Associates AP IV L.P., its General Partner	12/12/2006
<u>    </u> **Signature of Reporting Person	Date
By: TA Associates, Inc., its General Partner	12/12/2006
<u>    </u> **Signature of Reporting Person	Date
By: Thomas P. Alber, Chief Financial Officer	12/12/2006
<u>    </u> **Signature of Reporting Person	Date

## 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:

TheÂ ReportingÂ PersonÂ hasÂ aÂ representativeÂ onÂ theÂ issuer'sÂ boardÂ ofÂ directors.Â Â MichaelÂ ChildÂ 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.