

TA ADVENT VIII LP
 Form 4
 October 30, 2007

FORM 4

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

OMB APPROVAL

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 TA ASSOCIATES INC

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

JOHN HANCOCK TOWER, 200
 CLARENDON ST, 56TH FLOOR

3. Date of Earliest Transaction
 (Month/Day/Year)
 10/26/2007

Director 10% Owner
 Officer (give title below) Other (specify below)

See General Remarks

(Street)

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

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

BOSTON, MA 02116

(City) (State) (Zip)

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)
Common Stock	10/26/2007		S	(A) D Code V Amount (D) Price 2,724 (1) 19.4598	\$ 1,457,504 (6) (11)	D	
Common Stock	10/26/2007		S	(A) D Code V Amount (D) Price 1,272 (2) 19.4598	\$ 680,546 (7) (11)	D	
Common Stock	10/26/2007		S	(A) D Code V Amount (D) Price 1,178 (3) 19.4598	\$ 630,220 (8) (11)	D	
Common Stock	10/26/2007		S	(A) D Code V Amount (D) Price 46 (4) (11) 19.4598	\$ 24,597 (9) (11)	D	
Common Stock	10/26/2007		S	(A) D Code V Amount (D) Price 80 (5) (11) 19.4598	\$ 42,747 (10) (11)	D	

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Common Stock	10/29/2007	S	4,677 (1)	D	\$ 19.6708	1,452,827 (6) (11)	D
Common Stock	10/29/2007	S	2,184 (2)	D	\$ 19.6708	678,362 (7) (11)	D
Common Stock	10/29/2007	S	2,023 (3)	D	\$ 19.6708	628,197 (8) (11)	D
Common Stock	10/29/2007	S	79 (4)	D	\$ 19.6708	24,518 (9) (11)	D
Common Stock	10/29/2007	S	137 (5)	D	\$ 19.6708	42,610 (10) (11)	D
Common Stock	10/30/2007	S	4,825 (1)	D	\$ 19.5988	1,448,002 (6) (11)	D
Common Stock	10/30/2007	S	2,253 (2)	D	\$ 19.5988	676,109 (7) (11)	D
Common Stock	10/30/2007	S	2,087 (3)	D	\$ 19.5988	626,110 (8) (11)	D
Common Stock	10/30/2007	S	81 (4)	D	\$ 19.5988	24,437 (9) (11)	D
Common Stock	10/30/2007	S	141 (5)	D	\$ 19.5988	42,469 (10) (11)	D

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

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(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)	8. Price of Derivative Security (Instr. 5)	9. Nu
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer	Other	
TA ASSOCIATES INC JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116	X				See General Remarks
TA IX LP JOHN HANCOCK TOWER 200 CLARENDON ST. 56TH FLOOR BOSTON, MA 02116					See General Remarks
TA ASSOCIATES IX LLC JOHN HANCOCK TOWER 200 CLARENDON ST. 56TH FLOOR BOSTON, MA 02116					See General Remarks
TA ADVENT VIII LP JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116					See General Remarks
TA ASSOCIATES VIII LLC JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116					See General Remarks
TA / ATLANTIC & PACIFIC IV LP JOHN HANCOCK TOWER 200 CLARENDON ST. 56TH FLOOR BOSTON, MA 02116					See General Remarks
TA ASSOCIATES AP IV LP JOHN HANCOCK TOWER 200 CLARENDON ST. 56TH FLOOR BOSTON, MA 02116					See General Remarks
TA EXECUTIVES FUND LLC JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116					See General Remarks
TA INVESTORS LLC JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116					See General Remarks

Signatures

TA Associates, Inc., By Thomas P. Alber, Chief Financial Officer

10/30/2007

**Signature of Reporting Person

Date

10/30/2007

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TA IX L.P., By TA Associates IX LLC, Its General Partner, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer

__Signature of Reporting Person

Date

TA/Advent VIII L.P., By TA Associates VIII LLC, Its General Partner, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer

10/30/2007

__Signature of Reporting Person

Date

TA/Atlantic and Pacific IV L.P., By TA Associates AP IV L.P., Its General Partner, By TA Associates, Inc., Its General Partner, By Thomas P. Alber, Chief Financial Officer

10/30/2007

__Signature of Reporting Person

Date

TA Executives Fund LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer

10/30/2007

__Signature of Reporting Person

Date

TA Investors LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer

10/30/2007

__Signature of Reporting Person

Date

TA Associates IX LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer

10/30/2007

__Signature of Reporting Person

Date

TA Associates VIII LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer

10/30/2007

__Signature of Reporting Person

Date

TA Associates AP IV L.P., By TA Associates, Inc., Its General Partner, By Thomas P. Alber, Chief Financial Officer

10/30/2007

__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) These securities were sold solely by TA IX L.P.
- (2) These securities were sold solely by TA/Advent VIII L.P.
- (3) These securities were sold solely by TA/Atlantic and Pacific IV L.P.
- (4) These securities were sold solely by TA Executives Fund LLC.
- (5) These securities were sold solely by TA Investors LLC.
- (6) These securities are owned solely by TA IX L.P.
- (7) These securities are owned solely by TA/Advent VIII L.P.
- (8) These securities are owned solely by TA/Atlantic and Pacific IV L.P.
- (9) These securities are owned solely by TA Executives Fund LLC.
- (10) These securities are owned solely by TA Investors LLC.
- (11) TA Associates, Inc. is the Manager of TA Associates IX LLC, which is the General Partner of TA IX L.P. TA Associates, Inc. is also the Manager of TA Associates VIII LLC, which is the General Partner of TA/Advent VIII L.P. TA Associates, Inc. is also the General Partner of TA Associates AP IV L.P., which is the General Partner of TA/Atlantic and Pacific IV L.P. TA Associates, Inc. is also the Manager of TA Executives Fund LLC and TA Investors LLC. TA IX L.P., TA/Advent VIII L.P., TA/Atlantic and Pacific IV L.P., TA Executives Fund LLC, and TA Investors LLC are collectively known as the "TA Funds". Each of TA Associates, Inc., TA Associates

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IX LLC, TA Associates VIII LLC, and TA Associates AP IV L.P. may be deemed to have a beneficial interest in shares held by the TA Funds and each disclaims beneficial ownership of such shares, except to the extent of its pecuniary interest in such shares which is subject to indeterminable future events.

Remarks:

The Reporting Persons have 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.