

TA ADVENT VIII LP  
Form 4  
October 16, 2007

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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)  
10/12/2007

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
|                                 |                                      |  | Code                           | V   | Amount  | (A) or (D)   | Price   |
| Common Stock                    | 10/12/2007                           |  | S                              |   | 920 <sup>(1)</sup>  | D  | \$ 19.8627  |
|                                 |                                      |  |                                |   |   |  | 1,559,276 <sup>(6)</sup><br><sub>(11)</sub>           |
| Common Stock                    | 10/12/2007                           |  | S                              |   | 430 <sup>(2)</sup>  | D  | \$ 19.8627  |
|                                 |                                      |  |                                |   |   |  | 728,067 <sup>(7)</sup><br><sub>(11)</sub>             |
| Common Stock                    | 10/12/2007                           |  | S                              |   | 400 <sup>(3)</sup>  | D  | \$ 19.8627  |
|                                 |                                      |  |                                |   |   |  | 674,224 <sup>(8)</sup><br><sub>(11)</sub>             |
| Common Stock                    | 10/12/2007                           |  | S                              |   | 15 <sup>(4)</sup>   | D  | \$ 19.8627  |
|                                 |                                      |  |                                |   |   |  | 26,317 <sup>(9)</sup><br><sub>(11)</sub>              |
| Common Stock                    | 10/12/2007                           |  | S                              |   | 25 <sup>(5)</sup>   | D  | \$ 19.8627  |
|                                 |                                      |  |                                |   |   |  | 45,734 <sup>(10)</sup><br><sub>(11)</sub>             |

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|              |            |   |               |   |            |                       |   |
|--------------|------------|---|---------------|---|------------|-----------------------|---|
| Common Stock | 10/15/2007 | S | 23,832<br>(1) | D | \$ 20.8489 | 1,535,444 (6)<br>(11) | D |
| Common Stock | 10/15/2007 | S | 11,128<br>(2) | D | \$ 20.8489 | 716,939 (7)<br>(11)   | D |
| Common Stock | 10/15/2007 | S | 10,303<br>(3) | D | \$ 20.8489 | 663,921 (8)<br>(11)   | D |
| Common Stock | 10/15/2007 | S | 403 (4)       | D | \$ 20.8489 | 25,914 (9)<br>(11)    | D |
| Common Stock | 10/15/2007 | S | 700 (5)       | D | \$ 20.8489 | 45,034 (10)<br>(11)   | D |

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)

**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. Number of Derivative Securities Owned Beneficially (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |                     |
|---|---------------|-----------|---------|---------------------|
|   | Director      | 10% Owner | Officer | Other               |
| TA ASSOCIATES INC<br>JOHN HANCOCK TOWER<br>200 CLARENDON ST, 56TH FLOOR<br>BOSTON, MA 02116 | X             |           |         | See General Remarks |
| TA IX LP<br>JOHN HANCOCK TOWER<br>200 CLARENDON ST. 56TH FLOOR                              |               |           |         | See General Remarks |

BOSTON, MA 02116

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  | 10/16/2007 |
| __Signature of Reporting Person   | Date       |
| 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                                  | 10/16/2007 |
| __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                       | 10/16/2007 |
| __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 | 10/16/2007 |
| __Signature of Reporting Person   | Date       |
| TA Executives Fund LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer  | 10/16/2007 |

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| <u>Signature of Reporting Person</u>   | Date       |
|--|------------|
| TA Investors LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer                 | 10/16/2007 |
| <u>Signature of Reporting Person</u>   | Date       |
| TA Associates IX LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer             | 10/16/2007 |
| <u>Signature of Reporting Person</u>   | Date       |
| TA Associates VIII LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer           | 10/16/2007 |
| <u>Signature of Reporting Person</u>   | Date       |
| TA Associates AP IV L.P., By TA Associates, Inc., Its General Partner, By Thomas P. Alber, Chief Financial Officer | 10/16/2007 |
| <u>Signature of Reporting Person</u>   | 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 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 Person.

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.