

TA IX LP  
Form SC 13G  
February 13, 2007

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**SCHEDULE 13G**

**Under the Securities Exchange Act of 1934**

**(Amendment No. \_\_\_\_)\***

IPG Photonics Corp.

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(Name of Issuer)

Common Stock Par Value \$.01

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(Title of Class of Securities)

44980X109

(CUSIP Number)

12/31/06

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(Date of Event Which Requires Filing of this Statement)

**This schedule is being filed pursuant to Rule 13d-1 (d)**

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page. The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( Act ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 44980X109

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1. Name of Reporting Person

S.S. or I.R.S. Identification No. of above person

TA IX L.P.	04-3520503
TA/Advent VIII L.P.	04-3334380
TA/Atlantic and Pacific IV L.P.	04-3465628
TA Executives Fund LLC	04-3398534
TA Investors LLC	04-3395404

2. Check the Box if a Member of a Group\*

(a)  x

(b)  ..

3. SEC Use Only

4. Citizenship or Place of Organization

TA IX L.P.	Delaware
TA/Advent VIII L.P.	Delaware
TA/Atlantic and Pacific IV L.P.	Delaware
TA Executives Fund LLC	Delaware
TA Investors LLC	Delaware

NUMBER OF 5. Sole Voting Power

SHARES

BENEFICIALLY	TA IX L.P.	1,962,108
OWNED BY	TA/Advent VIII L.P.	916,160
EACH	TA/Atlantic and Pacific IV L.P.	848,364
REPORTING	TA Executives Fund LLC	33,134
PERSON	TA Investors LLC	57,564

WITH

## 6. Shared Voting Power

N/A

## 7. Sole Dispositive Power

TA IX L.P.	1,962,108
TA/Advent VIII L.P.	916,160
TA/Atlantic and Pacific IV L.P.	848,364
TA Executives Fund LLC	33,134
TA Investors LLC	57,564

## 8. Shared Dispositive Power

N/A

## 9. Aggregate Amount Beneficially Owned by Each Reporting Person

TA IX L.P.	1,962,108
TA/Advent VIII L.P.	916,160
TA/Atlantic and Pacific IV L.P.	848,364
TA Executives Fund LLC	33,134
TA Investors LLC	57,564

## 10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares\*

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## 11. Percent of Class Represented by Amount in Row 9

TA IX L.P.	3.49%
TA/Advent VIII L.P.	1.63%
TA/Atlantic and Pacific IV L.P.	1.51%

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TA Executives Fund LLC 0.06%

TA Investors LLC 0.10%

12. Type of Reporting Person

Three Partnerships

Two Limited Liability Companies

**SEE INSTRUCTION BEFORE FILLING OUT!**

**Item 1 (a) Name of Issuer: IPG Photonics Corp.****Item 1 (b) Address of Issuer's Principal Executive Offices:**

50 Old Webster Road  
Oxford, MA 01540

**Item 2 (a) Name of Person Filing:**

TA IX L.P.  
TA/Advent VIII L.P.  
TA/Atlantic and Pacific IV L.P.  
TA Executives Fund LLC  
TA Investors LLC

**Item 2 (b) Address of Principal Business Office:**

c/o TA Associates  
John Hancock Tower  
200 Clarendon St 56th Floor  
Boston, MA 02116

**Item 2 (c) Citizenship:** Not Applicable**Item 2 (d) Title and Class of Securities:** Common**Item 2 (e) CUSIP Number:** 44980X109**Item 3** If this statement is filed pursuant to Rules 13d-1 (b) or 13d-2 (b), check whether the person filing is a:

Not Applicable

**Item 4** **Ownership****Item 4 (a)** **Amount Beneficially Owned:****Common Stock**

TA IX L.P.	1,962,108
TA/Advent VIII L.P.	916,160
TA/Atlantic and Pacific IV L.P.	848,364
TA Executives Fund LLC	33,134
TA Investors LLC	57,564

**Item 4 (b)** **Percent of Class****Percentage**

TA IX L.P.	3.49%
TA/Advent VIII L.P.	1.63%
TA/Atlantic and Pacific IV L.P.	1.51%
TA Executives Fund LLC	0.06%
TA Investors LLC	0.10%

**Item 4 (c)** **Number of shares as to which such person has:****(i) sole power to vote or direct the vote:****Common Stock**

TA IX L.P.	1,962,108
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TA/Advent VIII L.P	916,160
TA/Atlantic and Pacific IV L.P.	848,364
TA Executives Fund LLC	
	33,134
TA Investors LLC	57,564
<b>(ii) shared power to vote or direct the vote:</b>	N/A
<b>(iii) sole power to dispose or direct the disposition:</b>	<b><u>Common Stock</u></b>
TA IX L.P.	1,962,108
TA/Advent VIII L.P	916,160
TA/Atlantic and Pacific IV L.P.	848,364
TA Executives Fund LLC	33,134
TA Investors LLC	57,564
<b>(iv) shared power to dispose or direct the disposition</b>	N/A

**Item 5 Ownership of Five Percent or Less of a Class:**

Not Applicable

**Item 6 Ownership of More than Five Percent on Behalf of Another Person:**

Not Applicable

**Item 7 Identification and Classification of the subsidiary that acquired the Security being reported on by the Parent Holding Company:**

Not Applicable

**Item 8 Identification and Classification of Members of the Group:**

This schedule 13G is filed pursuant to Rule 13d-1 (d). For the agreement of the TA group members to a joint filing, see below.

**Item 9 Notice of Dissolution of Group:**

Not Applicable

**Item 10 Certification:**

Not Applicable



**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

**Agreement for Joint Filing**

TA IX L.P., TA/Advent VIII L.P., TA/Atlantic and Pacific IV L.P., TA Executives Fund LLC and TA Investors LLC hereby agree that TA Associates shall file with the Securities and Exchange Commission a joint schedule 13G on behalf of the above-named parties concerning their beneficial ownership of IPG Photonics Corp.

Dated: February 13, 2007

**TA IX L.P.**

By: TA Associates IX LLC., its General Partner

By: TA Associates, Inc. its Manager

By: /s/ THOMAS P. ALBER  
Thomas P. Alber, Chief Financial Officer

**TA/Advent VIII L.P.**

By: TA Associates VIII LLC, its General Partner

By: TA Associates, Inc. its Manager

By: /s/ THOMAS P. ALBER  
Thomas P. Alber, Chief Financial Officer

**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: /s/ THOMAS P. ALBER  
Thomas P. Alber, Chief Financial Officer

**TA Executives Fund LLC**

By: TA Associates, Inc., its Manager

By: /s/ THOMAS P. ALBER  
Thomas P. Alber, Chief Financial Officer

**TA Investors LLC**

By: TA Associates, Inc., its Manager

By: */s/* THOMAS P. ALBER  
Thomas P. Alber, Chief Financial Officer