IPG PHOTONICS CORP Form SC 13G/A February 10, 2010

SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

	wasnington, D.C. 20549
	SCHEDULE 13G
	UNDER THE SECURITIES EXCHANGE ACT OF 1934 (Amendment No. 3)*
	ipg photonics corporation
_	(Name of Issuer)
	COMMON STOCK
_	(Title of Class of Securities)
	44980X109
	(CUSIP Number)
	December 31, 2009
_	(Date of Event Which Requires Filing of this Statement)
Check the appropriate b	ox to designate the Rule pursuant to which this Schedule is filed:
	[X] Rule 13d – 1(b) [] Rule 13d – 1(c)

[] 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 disclosures provided in a prior cover page.

The information required on the remainder of this 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	13G	P	age 2 of 6 Pages
1		ORTING PERSONS CATION NO. OF ABOVE PER	SONS (ENTITIES ONI	LY):
2	Columbia Wange	r Asset Management, L.P. CHECK THE APPROPRIA'	04-3519872 TE BOX IF A MEMBEI Instructions)	R OF A GROUP (See (a) []
3 4	SEC USE ONLY CITIZENSHIP O	R PLACE OF ORGANIZATIO)N	(b) []
BEI OWN	NEFICIALLY 6 NED BY EACH 7 RTING PERSON 8 WITH	SOLE VOTING POWER SHARED VOTING POWER SOLE DISPOSITIVE POWER SHARED DISPOSITIVE POWER MOUNT BENEFICIALLY OW	4,770 VER	Delaware 5,000 0 0,800 0 PRTING PERSON
10	CHECK IF THE (See Instructions)	AGGREGATE AMOUNT IN	ROW (9) EXCLUDES	4,770,800 CERTAIN SHARES
11	PERCENT OF C	LASS REPRESENTED BY AM	MOUNT IN ROW (9)	[]
12	TYPE OF REPO	RTING PERSON (See Instruction	ons)	10.4%
				IA

Item 1(a).	Name of Issuer:			
IPG Photoni	es Corpor	ation		
Item 1(b).	Address of Issuer's Principal Executive Offices:			
50 Old Webs Oxford, MA				
Item 2(a).	Name of Person Filing:			
Columbia W	anger Ass	set Management, L.P.		
Item 2(b).	Address of Principal Business Office or, if None, Residence:			
227 West Mo	onroe Stre	eet, Suite 3000, Chicago, IL 60606.		
Item 2(c).	Citizenship:			
Delaware				
Item 2(d).	Title of	Class of Securities:		
Common Stock				
Item 2(e).	CUSIP Number:			
44980X109				
Item 3.	If This S	Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c),		
Check Whe	ther the F	Person Filing is a:		
	(a)	[] Broker or dealer registered under Section 15 of the Exchange Act.		
	(b)	[] Bank as defined in Section 3(a)(6) of the Exchange Act.		
	(c)	[] Insurance company as defined in Section 3(a)(19) of the Exchange Act.		
	(d)	[] Investment company registered under Section 8 of the Investment Company Act.		
	(e)	[X] An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E).		
	(f)			

Edgar Filing: IPG PHOTONICS CORP - Form SC 13G/A [] An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F). (g) [] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G). (h) [] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act. (i) [] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.

If this statement is filed pursuant to Rule 13d-1(c), check this box. []

[] Group, in accordance with

Rule 13d-1(b)(1)(ii)(J).

Item 4. Ownership:

(j)

With respect to the beneficial ownership of the reporting person, see Items 5 through 11 of the cover pages to this Schedule 13G, which are incorporated herein by reference.

Item 5. Ownership of 5 Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

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

The shares reported herein include shares held by Columbia Acorn Trust (CAT), a Massachusetts business trust that is advised by the reporting person. CAT holds 7.72% of the shares of the Issuer.

Item 7. Identification and Classification of the Subsidiary Which Acquired the

Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable.

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

Not Applicable.

Item 9. Notice of Dissolution of Group:

Not Applicable.

Item 10. Certification:

By signing below each of the undersigned certifies that, to the best of such undersigned's knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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.

Dated: January 27, 2010

Columbia Wanger Asset Management, L.P.

By: /s/ Bruce H. Lauer

Bruce H. Lauer

Senior Vice President and Secretary, WAM Acquisition GP, Inc., General Partner

Exhibit 99.1

EXHIBIT 99.1 - JOINT FILING AGREEMENT

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1). Each of them is responsible for the timely filing of such Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

In accordance with Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other on behalf of each of them of to such a statement on Schedule 13G with respect to the common stock of beneficially owned by each of them. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13G.

Dated: January 27, 2010

Columbia Wanger Asset Management, L.P.

By: /s/ Bruce H. Lauer

Bruce H. Lauer

Senior Vice President and Secretary,

WAM Acquisition GP, Inc., General Partner

Columbia Acorn Trust

By: /s/ Bruce H. Lauer

Bruce H. Lauer

Vice President, Treasurer and Secretary