Form 4 July 26, 200 FORN Check t if no lor subject Section	<b>A 4</b> UNITED STAT his box higer to STATEMENT	CS SECURITIES A Washington DF CHANGES IN SECU	a, D.C. 20	0549			OMB Number: Expires: Estimated a	0
Form 5 obligation may con	Form 4 or Form 5 obligations may continue.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 19400.5							
(Print or Type	Responses)							
	Address of Reporting Person <u>*</u> CIATES INC	2. Issuer Name an Symbol IPG PHOTONIO			-	5. Relationship of I Issuer		
(Last)	(First) (Middle)	3. Date of Earliest T		L		(Check	all applicable	)
	NCOCK TOWER, 200 DON ST, 56TH FLOOR	(Month/Day/Year) 07/24/2007				below)	itleX 10% itleX Other below) eneral Remarks	er (specify
	(Street)	4. If Amendment, D	-	al		6. Individual or Joi	int/Group Filin	g(Check
BOSTON,	MA 02116	Filed(Month/Day/Yea	ar)			Applicable Line) Form filed by On _X_ Form filed by M		
						Person		1 0
(City)	(State) (Zip)	Table I - Non-	Derivative	e Secu	rities Acqu	Person iired, Disposed of,	or Beneficiall	
(City) 1.Title of Security (Instr. 3)	(State) (Zip) 2. Transaction Date 2A. De (Month/Day/Year) Execut any	emed 3. on Date, if Transactiv Code Day/Year) (Instr. 8)	4. Securit oror Dispos (Instr. 3,	ties Adsed of 4 and (A) or	cquired (A) (D) 5)	iired, Disposed of,	or Beneficiall 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	
1.Title of Security	(State) (Zip) 2. Transaction Date 2A. De (Month/Day/Year) Execut any	emed 3. on Date, if Transactiv Code Day/Year) (Instr. 8)	4. Securit oror Dispos	ties Ao sed of 4 and (A) or	cquired (A) (D)	nired, Disposed of, 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 1,641,343 ( <u>6</u> )	6. Ownership Form: Direct (D) or Indirect (I)	y Owned 7. Nature of Indirect Beneficial Ownership
1.Title of Security (Instr. 3)	(State)(Zip)2. Transaction Date (Month/Day/Year)2A. De Execut any (Month	emed 3. on Date, if Transactiv Code Day/Year) (Instr. 8) Code V	4. Securit our Dispos (Instr. 3, Amount 6,424	ties Ad sed of 4 and (A) or (D)	cquired (A) (D) 5) Price	nired, Disposed of, 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 1,641,343 (6) (11) 766,386 (7)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	y Owned 7. Nature of Indirect Beneficial Ownership
1.Title of Security (Instr. 3) Common Stock Common	(State)(Zip)2. Transaction Date (Month/Day/Year)2A. De Execut any (Month)07/24/2007	emed 3. on Date, if Transactiv Code Day/Year) (Instr. 8) Code V S	4. Securit our Dispos (Instr. 3, Amount 6,424 ( <u>1)</u> 3,000	ties Ad sed of 4 and (A) or (D) D	cquired (A) (D) 5) Price \$ 19.6543 \$	<b>hired, Disposed of,</b> 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 1,641,343 ( <u>6)</u> ( <u>11)</u> 766,386 ( <u>7)</u> ( <u>11)</u> 709,702 ( <u>8)</u>	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) D	y Owned 7. Nature of Indirect Beneficial Ownership
1.Title of Security (Instr. 3) Common Stock Common Stock Common	(State)(Zip)2. Transaction Date (Month/Day/Year)2A. De Execut any (Month)07/24/20073. (Month)07/24/20073. (Month)	emed 3. Date, if Transactive Code Day/Year) (Instr. 8) Code V S S	4. Securit our Dispos (Instr. 3, Amount 6,424 ( <u>1</u> ) 3,000 ( <u>2</u> ) 2,778	ties Ad sed of 4 and (A) or (D) D D D	cquired (A) (D) 5) Price \$ 19.6543 \$ 19.6543 \$	<b>hired, Disposed of,</b> 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 1,641,343 (6) (11) 766,386 (7) (11) 709,702 (8) (11) 27,705 (9)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) D	y Owned 7. Nature of Indirect Beneficial Ownership

Common Stock	07/25/2007	S	6,577 (1)	D	\$ 19.4573	1,634,766 <u>(6)</u> (11)	D
Common Stock	07/25/2007	S	3,071 (2)	D	\$ 19.4573	763,315 <u>(7)</u> (11)	D
Common Stock	07/25/2007	S	2,843 (3)	D	\$ 19.4573	706,859 <u>(8)</u> (11)	D
Common Stock	07/25/2007	S	111 <u>(4)</u>	D	\$ 19.4573	27,594 <u>(9)</u> (11)	D
Common Stock	07/25/2007	S	193 <u>(5)</u>	D	\$ 19.4573	47,951 (10) (11)	D
Common Stock	07/26/2007	S	4,895 (1)	D	\$ 19.4569	1,629,871 <u>(6)</u> (11)	D
Common Stock	07/26/2007	S	2,286 (2)	D	\$ 19.4569	761,029 <u>(7)</u> (11)	D
Common Stock	07/26/2007	S	2,116 (3)	D	\$ 19.4569	704,743 <u>(8)</u> (11)	D
Common Stock	07/26/2007	S	83 (4)	D	\$ 19.4569	27,511 <u>(9)</u> (11)	D
Common Stock	07/26/2007	S	144 (5)	D	\$ 19.4569	47,807 (10) (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.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exer		7. Tit		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amou	int of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Unde	rlying	Security	Secu
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	Bene
	Derivative				Securities			(Instr	. 3 and 4)		Owne
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration	Title	Number		
						Exercisable	Date	inte	of		
				Code V	(A) (D)				Shares		
				Cout v	(11) $(D)$				Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
reporting of the Funct Functions	Director	10% Owner	Officer	Other			
TA ASSOCIATES INC JOHN HANCOCK TOWER 200 CLARENDON ST, 56TH FLOOR BOSTON, MA 02116	Х	Х		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. Albe	er, Chief F	Financial Off	ficer				
<u>**</u> Signa	ture of Repor	rting Person					

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	07/26/2007
**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	07/26/2007
**Signature of Reporting Person	Date
TA Executives Fund LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer	07/26/2007
**Signature of Reporting Person	Date
TA Investors LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer	07/26/2007
**Signature of Reporting Person	Date
TA Associates IX LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer	07/26/2007
**Signature of Reporting Person	Date
TA Associates VIII LLC, By TA Associates, Inc., Its Manager, By Thomas P. Alber, Chief Financial Officer	07/26/2007
**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	07/26/2007
**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 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 are members of a 13(d) group owning more than 10% of the issuer's outstanding common stock. The Re

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.