IPG PHOTONICS CORP

Form 4

October 17, 2007

FORM 4

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

OMB Number:

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * DALTON JOHN H			2. Issuer Name and Ticker or Trading Symbol IPG PHOTONICS CORP [IPGP]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O IPG PH CORPORAT WEBSTER I	TION, 50 OI	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/15/2007	XDirector 10% Owner below) Other (special below)			
OXFORD, M	(Street) AA 01540		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(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. Transactio Code (Instr. 8)	4. Securition(A) or Dis (Instr. 3, 4)	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	10/15/2007		S(1)	5,500	D	\$ 20.5	283,456	D	
Common Stock	10/15/2007		S <u>(1)</u>	200	D	\$ 20.51	283,256	D	
Common Stock	10/15/2007		S <u>(1)</u>	700	D	\$ 20.53	282,556	D	
Common Stock	10/15/2007		S <u>(1)</u>	200	D	\$ 20.54	282,356	D	
Common Stock	10/15/2007		S <u>(1)</u>	600	D	\$ 20.55	281,756	D	

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Common Stock	10/15/2007	S(1)	1,300	D	\$ 20.56	280,456	D
Common Stock	10/15/2007	S(1)	100	D	\$ 20.57	280,356	D
Common Stock	10/15/2007	S(1)	1,400	D	\$ 20.6	278,956	D
Common Stock	10/16/2007	S <u>(1)</u>	10,000	D	\$ 22	268,956	D

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration Da	ate	Amou	ınt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									Amount		
						Date	Expiration	Title	or Number		
						Exercisable	Date	11116	of		
				Code V	(A) (D)						
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				

DALTON JOHN H C/O IPG PHOTONICS CORPORATION 50 OLD WEBSTER ROAD OXFORD, MA 01540

X

Signatures

Angelo P. Lopresti, Attorney-in-fact

10/17/2007

**Signature of Reporting Person Date

2 Reporting Owners

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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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 8, 2007. 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.