Arrow Alexander K. Form 4 August 15, 2012

#### FORM 4

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

**OMB APPROVAL** OMB

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

response...

Check this box if no longer subject to Section 16. 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 1940

**SECURITIES** 

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Arrow Alexander K.			2. Issuer Name and Ticker or Trading Symbol BIOLASE, INC [BLTI]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last) (First) (Middle) C/O 4 CROMWELL			3. Date of Earliest Transaction				
			(Month/Day/Year) 08/14/2012	X Director 10% Owner Officer (give title below) Other (specify below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
IRVINE, CA	92618		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

	<b>IRVIN</b>	ĮΕ,	CA	92	61	8
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(City)	(State) (Z	e I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)			
Common Stock	08/14/2012		P	1,363	A	\$ 1.71	93,998	D		
Common Stock	08/14/2012		P	1,100	A	\$ 1.72	95,038	D		
Common Stock	08/14/2012		P	1,237	A	\$ 1.73	96,275	D		
Common Stock	08/14/2012		P	377	A	\$ 1.7	96,652	D		
Common Stock	08/14/2012		P	4,800	A	\$ 1.67	101,452	D		
	08/14/2012		P	723	A		102,175	D		

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Common \$ 1.68

Common Stock P 400 A \$ 102,575 D

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

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SEC 1474

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9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transa Code (Instr.	etion	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Amor Unde Secur	rlying	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
1 8	Director	10% Owner	Officer	Other				
Arrow Alexander K.								
C/O 4 CROMWELL	X							
IRVINE, CA 92618								

# **Signatures**

/s/ Michael C. Carroll, attorney-in-fact for Alexander K.

Arrow

\*\*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).

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.

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