Arrow Alexander K. Form 4 June 05, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

2. Issuer Name and Ticker or Trading

OMB

OMB APPROVAL

3235-0287 Number:

Expires:

January 31, 2005

0.5

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response...

Check this box if no longer subject to Section 16. Form 4 or Form 5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Arrow Alexander K.

Symbol BIOLASE, INC [BLTI] 5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Officer (give title

(First) (Last)

(Street)

(State)

(Middle)

(Zin)

3. Date of Earliest Transaction

(Month/Day/Year) 06/01/2012

Filed(Month/Day/Year)

_X__ Director

below)

10% Owner Other (specify

C/O 4 CROMWELL

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

IRVINE, CA 92618

(City)

	(City)	(State) (2	Table	I - Non-Do	erivative S	Securi	ities Acq	puired, Disposed o	of, or Beneficial	ly Owned
	Γitle of curity	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi		•	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Iı	ıstr. 3)	• •	any	Code	` ′ *		Beneficially	(D) or	Beneficial	
			(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)		Owned	Indirect (I)	Ownership	
						(A)		Following Reported Transaction(s)	(Instr. 4)	(Instr. 4)
				Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
	ommon ock	06/01/2012		P	1,600	A	\$ 2.33	52,375	D	
	ommon ock	06/01/2012		P	200	A	\$ 2.39	52,575	D	
	ommon ock	06/01/2012		P	3,000	A	\$ 2.36	55,575	D	

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

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(9-02)

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

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Title Amount		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Month/Day/Tear)	any (Month/Day/Year)	Code (Instr. 8)	of (Month/Day/Year)			Underly Securiti (Instr. 3	ying ies	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Keiauonsnips						
	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. 06/05/2012 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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