Arrow Alexander K. Form 4 August 17, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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Check this box

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 See Instruction

1(b).

Common

Common

Stock

Stock

08/16/2011

08/17/2011

(Print or Type Responses)

1. Name and Address of Reporting Person * Arrow Alexander K.			2. Issuer Name and Ticker or Trading Symbol BIOLASE TECHNOLOGY INC [BLTI]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) C/O 4 CRO	(First) (M	3. Date of Earliest Month/Day/Year) 08/15/2011					_X_ Director 10% Owner Officer (give title below) Other (specify below)				
				ndment, Date Original nth/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
IRVINE, CA 92618								Form filed by More than One Reporting Person			
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deeme Execution I any (Month/Day	Date, if Transa Code ay/Year) (Instr.		4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect Indirect Indirect Ownership (Instr. 4) Instr. 4)			
Common Stock	08/15/2011		Code P	V	Amount 6,200	(D)	Price \$ 3.05	30,700	D		
Common Stock	08/15/2011		P		5,000	A	\$ 3.13	35,700	D		

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

P

P

5,000

2,800

40,700

43,500

D

D

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SEC 1474 (9-02)

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)		4. Transactio	5. orNumber	6. Date Exerc Expiration D		7. Title Amour		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Montal Day) Teal)	any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/		Underl Securit	ying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
Transfer de la companya de la compan	Director	10% Owner	Officer	Other			
Arrow Alexander K.							
C/O / CROMWELL	\mathbf{Y}						

Signatures

IRVINE, CA 92618

/s/ Michael C. Carroll, Attorney-in-Fact for Alexander K.
Arrow 08/17/2011

**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.

Reporting Owners 2