LICHTWARDT GREGORY

Form 4/A

November 10, 2010

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

OMB APPROVAL

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

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

obligations

may continue.

See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * LICHTWARDT GREGORY

2. Issuer Name and Ticker or Trading

Symbol

5. Relationship of Reporting Person(s) to

Issuer

below)

BIOLASE TECHNOLOGY INC

(Check all applicable)

[BLTI]

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction

(Month/Day/Year)

X_ Director 10% Owner Officer (give title Other (specify

11/01/2010

C/O 4 CROMWELL

4. If Amendment, Date Original

Filed(Month/Day/Year)

11/01/2010

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) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. Code

(Instr. 8)

4. Securities TransactionAcquired (A) or Disposed of (D)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4) (Instr. 4)

(A) or

Reported Transaction(s) (Instr. 3 and 4)

Following

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

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SEC 1474 (9-02)

number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8 **Underlying Securities** (Instr. 3 and 4)

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| (Instr. 3) | Price of Derivative Security | | (Month/Day/Year) | (Instr. 8 | | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | | | (| |
|-----------------------------|------------------------------------|------------|------------------|-----------|---|--|-----|---------------------|--------------------|-----------------|-------------------------------------|--|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| Stock Option (right to buy) | \$ 1.93 | 11/01/2010 | | A | | 28,750 | | <u>(1)</u> | 11/01/2020 | Common Stock | 28,750 | |
| Stock Option (right to buy) | \$ 1.93 | 11/01/2010 | | A | | 21,000 | | (2) | 11/01/2015 | Common Stock | 21,000 | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|-----------|--------------|--|--|--|--|
| 1 0 | Director | 10% Owner | Officer Othe | | | | |
| LICHTWARDT GREGORY | | | | | | | |
| C/O 4 CROMWELL | X | | | | | | |
| IRVINE, CA 92618 | | | | | | | |

Signatures

(1)

(2)

/s/ Michael C. Carroll, attorney-in-fact for Gregory E.
Lictwardt

Explanation of Responses:

**Signature of Reporting Person

- * 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).

are subject to repurchase by the Issuer, at the lower of the exercise price paid per share or the fair market value per share (determined at the time of repurchase), should the Reporting Person cease Board service prior to vesting of those shares. The shares vest, and the Issuer's right of repurchase lapses, in four successive quarterly installments upon the Reporting Person's completion of each quarter of service as a non-employee director measured from the grant date. The shares subject to the option grant will immediately vest in full if certain changes in control or ownership occur or if the Reporting Person dies or becomes disabled while serving as a director.

Each automatic option is immediately exercisable for all of the option shares. However, any shares purchased under such option

Date

The option is immediately exercisable for all of the option shares. Shares purchased under such option are subject to repurchase by the Issuer, at the lower of the exercise price paid per share or the fair market value per share (determined at the time of repurchase), should the Reporting Person cease Board service prior to vesting of those shares. The shares vest, and the Issuer's right of repurchase lapses, in four successive quarterly installments upon the Reporting Person's completion of each quarter of service as a non-employee director measured from the grant date. The shares subject to the option grant will immediately vest in full if certain changes in control or ownership occur or if the Reporting Person dies or becomes disabled while serving as a director.

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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