MULDER DAVID M

Form 4

September 30, 2010

FORM 4

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

OMB Number: 3235-0287

Estimated average

burden hours per

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

See Instruction

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

2. Issuer Name and Ticker or Trading

response...

5. Relationship of Reporting Person(s) to

Issuer

1(b).

(Print or Type Responses)

MULDER DAVID M

1. Name and Address of Reporting Person *

MULDERI	Symbol BIOLAS [BLTI]	BIOLASE TECHNOLOGY INC					(Check all applicable)					
(Last) (First) (Middle) 4 CROMWELL			(Month/D	3. Date of Earliest Transaction (Month/Day/Year) 09/28/2010					Director 10% Owner Officer (give titleX Other (specify below) below) Former Director and CEO			
IRVINE, CA	(Street) 4. If Amendment, Date Original Filed(Month/Day/Year) (INE, CA 92618						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										ly Owned		
1.Title of Security (Instr. 3)	2. Transaction I (Month/Day/Ye	ear) Executi any	ecution Date, if Transaction(A) or Disposed of (D)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
Common Stock	09/28/2010			M		20,400	A	\$ 0.78	20,400	D		
Common Stock	09/28/2010			M		3,750	A	\$ 0.82	24,150	D		
Common Stock	09/28/2010			S		12,500	D	\$ 1.22	11,650	D		
Common Stock	09/28/2010			S		6,250	D	\$ 1.23	5,400	D		
Common Stock	09/28/2010			S		2,500	D	\$ 1.24	2,900	D		

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Common Stock	09/28/2010	S	400	D	\$ 1.25	2,500	D
Common Stock	09/28/2010	S	2,500	D	\$ 1.2	0	D
Common Stock	09/29/2010	M	20,500	A	\$ 0.78	20,500	D
Common Stock	09/29/2010	M	4,709	A	\$ 0.82	25,209	D
Common Stock	09/29/2010	S	5,000	D	\$ 1.28	20,209	D
Common Stock	09/29/2010	S	2,400	D	\$ 1.26	17,809	D
Common Stock	09/29/2010	S	1,000	D	\$ 1.17	16,809	D
Common Stock	09/29/2010	S	2,500	D	\$ 1.23	14,309	D
Common Stock	09/29/2010	S	2,000	D	\$ 1.18	12,309	D
Common Stock	09/29/2010	S	2,000	D	\$ 1.2	10,309	D
Common Stock	09/29/2010	S	4,600	D	\$ 1.25	5,709	D
Common Stock	09/29/2010	S	2,000	D	\$ 1.16	3,709	D
Common Stock	09/29/2010	S	1,000	D	\$ 1.15	2,709	D
Common Stock	09/29/2010	S	2,709	D	\$ 1.22	0	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

 $\label{thm:convertible} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (\emph{e.g.}, puts, calls, warrants, options, convertible securities) \\ \end{tabular}$

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)		Code	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
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and 5)

			Code V (A	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 0.78	09/28/2010	M	20,400	03/10/2009	03/10/2019	Common Stock	20,400
Stock Option (right to buy)	\$ 0.82	09/28/2010	M	3,750	01/26/2009	01/26/2019	Common Stock	3,750
Stock Option (right to buy)	\$ 0.78	09/29/2010	M	20,500	03/10/2009	03/10/2019	Common Stock	20,500
Stock Option (right to buy)	\$ 0.82	09/29/2010	M	4,709	01/26/2009	01/26/2019	Common Stock	4,709

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

MULDER DAVID M 4 CROMWELL IRVINE, CA 92618

Former Director and CEO

Signatures

/s/ Michael C. Carroll, Attorney-in-Fact for David M. Mulder

09/30/2010

**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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