

BIO IMAGING TECHNOLOGIES INC

Form 4

May 11, 2007

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

OMB  
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if no longer  
subject to  
Section 16.  
Form 4 or  
Form 5  
obligations  
may continue.  
See Instruction  
1(b).**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
TAYLOR JAMES AMBROSE2. Issuer Name **and** Ticker or Trading  
SymbolBIO IMAGING TECHNOLOGIES  
INC [BITI]5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)  
05/09/2007☒ Director ☐ 10% Owner  
☐ Officer (give title below) ☐ Other (specify below)C/O BIO-IMAGING  
TECHNOLOGIES, INC., 826  
NEWTOWN-YARDLEY ROAD

(Street)

4. If Amendment, Date Original  
Filed(Month/Day/Year)6. Individual or Joint/Group Filing(Check  
Applicable Line)☒ Form filed by One Reporting Person  
☐ Form filed by More than One Reporting  
Person

NEWTOWN, PA 18940

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (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 (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)			
			Code	V	Amount		Price

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

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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Pr Deriv Secur (Instr			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	(1)	05/09/2007		A		5,000 (2)		(2)	(2)	Common Stock	5,000

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
TAYLOR JAMES AMBROSE C/O BIO-IMAGING TECHNOLOGIES, INC. 826 NEWTOWN-YARDLEY ROAD NEWTOWN, PA 18940	X

## Signatures

/s/ James A.  
Taylor

05/11/2007

\*\*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).

(1) Each restricted stock unit represents a contingent right to receive one share of BITI common stock, par value \$.00025.

Represents the automatic grant of 5,000 restricted stock units, granted pursuant to the Company's 2002 Stock Incentive Plan, as amended and restated, upon election to the Board of Directors at the Annual Meeting of Stockholders held on May 9, 2007, determined by using the closing price on May 9, 2007. The restricted stock units shall vest in one-twelfth (1/12) increments on each one-month anniversary from the date of grant; provided, however, that the shares underlying the restricted stock units shall not be issued to the directors until the director's cessation of service on the Board of Directors.

(3) Represents only those shares underlying the restricted stock units. The director may beneficially own BITI securities not required to be recorded herein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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