

TAYLOR JAMES AMBROSE
 Form 4
 May 13, 2005

FORM 4

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

OMB APPROVAL

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Check this box 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 AMBROSE

2. Issuer Name and Ticker or Trading Symbol
 BIO 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)
 05/11/2005

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 Ownership (Instr. 4)
				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	05/13/2005		M		13,750	A	D
					\$ 0.88		

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

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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)

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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 Security (Instr. 3 and 4)	Amount or Number of Shares
Common Stock Option	\$ 4	05/11/2005		A	10,000 ⁽¹⁾	06/11/2005 05/11/2015	Common Stock	10,
Common Stock Option	\$ 0.88	05/13/2005		M	13,750	08/21/1998 07/21/2008	Common Stock	13,

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,
Ph.D.

05/13/2005

__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) Such option was granted effective May 11, 2005, pursuant to the Company's 2002 Stock Incentive Plan, as amended and restated. Such option vests at a rate of one-twelfth (1/12) on each one-month anniversary from the date of grant, and will be fully vested on May 11, 2006. Such option is subject to a pro-rata reduction if Mr. Taylor does not attend at least seventy-five percent (75%) of all meetings of the Board of Directors and any committee of the Board of Directors on which he serves.

(2) Includes multiple option grants with different exercise prices and vesting dates.

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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