

OLUKOTUN ADEOYE Y  
Form 4  
July 09, 2009

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
OLUKOTUN ADEOYE Y

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)  
07/08/2009

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	

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. Title and Amount of Underlying Securities (Instr. 3 and 4)
Restricted Stock Units	<u>(1)</u>	07/08/2009		A	10,000 <u>(2)</u>	<u>(2)</u> <u>(2)</u>	Common Stock	10,000

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director    10% Owner    Officer    Other

OLUKOTUN ADEOYE Y  
 C/O BIO-IMAGING TECHNOLOGIES, INC.      X  
 826 NEWTOWN-YARDLEY ROAD  
 NEWTOWN, PA 18940

## Signatures

/s/ Maria T. Kraus as attorney-in-fact      07/09/2009

\_\_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 10,000 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 on July 8, 2009, determined by using the closing price on July 8, 2009. The restricted stock units shall vest as follows: 2,000 units shall vest immediately on the date of grant and the remaining 8,000 units shall vest in one-tenth (1/10) increments monthly until May 8, 2010; 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. 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.