

BIO IMAGING TECHNOLOGIES INC  
 Form 4  
 June 04, 2008

**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 \*  
 STAFFORD PAULA B

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)  
 06/03/2008

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                    | 06/03/2008                           |  | M                              |   | 71,250  | A  | D                                 |
|                                 |                                      |  |                                |   | \$ 3.88   |  |                                   |
|                                 |                                      |  |                                |   | <u>(1)</u>  |  |                                   |

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

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SEC 1474 (9-02)

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

| 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) |                 |              |                            |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|---|-----------------|--------------|----------------------------|
|  |  |                                      |  | Code                           | V   | (A)  | (D) | Date Exercisable  | Expiration Date | Title        | Amount or Number of Shares |
| Common Stock Option                        | \$ 1.16  | 06/03/2008                           |  | M                              |   | 15,000   |     | 04/02/2002  | 04/02/2012      | Common Stock | 15,000                     |
| Common Stock Option                        | \$ 4.74  | 06/03/2008                           |  | M                              |   | 21,250   |     | 05/28/2003  | 05/28/2013      | Common Stock | 21,250                     |
| Common Stock Option                        | \$ 5.1   | 06/03/2008                           |  | M                              |   | 15,000   |     | 05/10/2004  | 05/10/2014      | Common Stock | 15,000                     |
| Common Stock Option                        | \$ 4   | 06/03/2008                           |  | M                              |   | 10,000   |     | 05/11/2005  | 05/11/2012      | Common Stock | 10,000                     |
| Common Stock Option                        | \$ 4.19  | 06/03/2008                           |  | M                              |   | 10,000   |     | 05/10/2006  | 05/10/2013      | Common Stock | 10,000                     |

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director    10% Owner    Officer    Other

STAFFORD PAULA B  
C/O BIO-IMAGING TECHNOLOGIES, INC.  
826 NEWTOWN-YARDLEY ROAD  
NEWTOWN, PA 18940

X

## Signatures

/s/ Maria T. Kraus as  
attorney-in-fact

06/03/2008

\*\*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 amount represents the average exercise price of the stock options exercised. The breakdown is as follows: 15,000 at \$1.16; 21,250 shares at \$4.74; 15,000 shares at \$5.10; 10,000 shares at \$4.00 and 10,000 shares at \$4.19.

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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