

BIO IMAGING TECHNOLOGIES INC
 Form 4
 September 15, 2006

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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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 *
 NOWICKI DAVID E

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)
 09/15/2006

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. 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 | | | | |
| Common Stock | 09/15/2006 | | M | V | 8,571 | A | \$ 0.88 | 101,371 ⁽¹⁾ | D |
| Common Stock | 09/15/2006 | | M | V | 5,000 | A | \$ 0.77 | 106,371 ⁽¹⁾ | D |
| Common Stock | 09/15/2006 | | M | V | 15,000 | A | \$ 1.16 | 121,371 ⁽¹⁾ | D |

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 | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|------------------------------------|--------------------|--|-----------------------|---|
| | | | | | Acquired (A) | or Disposed of (D) | Date Exercisable | Expiration Date | |
| Common Stock Option | \$ 0.88 | 09/15/2006 | | M | V | (A) 8,571 | (D) | 07/22/1998 07/22/2008 | Common Stock 8,571 |
| Common Stock Option | \$ 0.77 | 09/15/2006 | | M | V | (A) 5,000 | (D) | 03/01/2001 03/01/2011 | Common Stock 5,000 |
| Common Stock Option | \$ 1.16 | 09/15/2006 | | M | V | (A) 15,000 | (D) | 04/02/2002 04/02/2012 | Common Stock 15,000 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

NOWICKI DAVID E
C/O BIO-IMAGING TECHNOLOGIES, INC.
826 NEWTOWN-YARDLEY ROAD
NEWTOWN, PA 18940

X

Signatures

/s/ David E. Nowicki,
D.M.D. 09/15/2006

__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) Dr. Nowicki indirectly owns 4,887 shares of Common Stock. The nature of his indirect ownership is through his wife in her IRA account1.
- (2) Includes multiple option grants with different exercise prices and vesting dates.

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