GROVES JASON L Form 4 April 07, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

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Section 16. Form 4 or Form 5 obligations may continue.

Check this box

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subject to

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 See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **GROVES JASON L** Issuer Symbol MEDIFAST INC [MED] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Officer (give title Other (specify C/O MEDIFAST, INC., 11445 04/06/2010 below) CRONHILL DR. (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting OWINGS MILL, MD 21117 (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) | Transaction(A) o | | Securities Acquired) or Disposed of (D) astr. 3, 4 and 5) | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--------------------------------------|---|---|------------------|--------|--|-------------|--|--|---|
| | | | Code V | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | |
| Common Stock | 04/06/2010 | | A | 283 | A | \$ 26.52 | 283 | D | |

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

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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 | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exer | cisable and | 7. Titl | le and | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|-------------|------------|--------------|-------------|---------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transaction | orNumber | Expiration D | ate | Amou | ınt of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Under | lying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Secur | ities | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | | Own |
| | Security | | | | Acquired | | | | | | Follo |
| | | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | A 4 | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date | Expiration | TP:41 | or | | |
| | | | | | | Exercisable | Date | Title | Number | | |
| | | | | C 1 17 | (A) (D) | | | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|---|---------------|-----------|---------|-------|--|--|--|
| r g | Director | 10% Owner | Officer | Other | | | |
| GROVES JASON L C/O MEDIFAST, INC. 11445 CRONHILL DR. OWINGS MILL, MD 21117 | X | | | | | | |

Signatures

/s/ Jason L. 04/07/2010 Groves **Signature of Date Reporting Person

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).

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.

2 Reporting Owners