

Ichim Thomas
Form 3
March 24, 2008

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Ichim Thomas | | (Month/Day/Year) | MEDISTEM LABORATORIES, INC. [mdsm] | |
| (Last) | (First) | (Middle) | 03/18/2008 | |
| 2027 E. CEDAR ST. | | | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| (Street) | | | (Check all applicable) | |
| TEMPE, AZ 85281 | | | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner | 6. Individual or Joint/Group Filing(Check Applicable Line) |
| (City) | (State) | (Zip) | <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| | | | (give title below) (specify below) | <input type="checkbox"/> Form filed by More than One Reporting Person |
| | | | Chief Executive Officer | |

Table I - Non-Derivative Securities Beneficially Owned

| | | | |
|---------------------------------|---|--|---|
| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| | | | | | |
|--|--|---|--|---|---|
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
| | Date Exercisable | Title | Amount or Number of Shares | | |
| | Expiration Date | | | | |

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| | | | | | | | |
|---|-------|------------|-----------------|------------------|---------|---|---|
| Employee Stock Option (right to buy) | Â (1) | 07/03/2016 | Common Stock | 50,000 | \$ 0.4 | D | Â |
| Employee Stock Option (right to buy) | Â (2) | 02/01/2016 | Common Stock | 100,000 | \$ 0.5 | D | Â |
| Employee Stock Option (right to buy) | Â (3) | 01/02/2017 | Common Stock | 1,000,000 (3) | \$ 0.12 | D | Â |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Ichim Thomas 2027 E. CEDAR ST. TEMPE, AZ 85281 | Â X | Â | Â Chief Executive Officer | Â |

Signatures

THOMAS
ICHIM 03/24/2008

Signature of
Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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) The option became exercisable on July 3, 2007.
- (2) The option became exercisable on November 1, 2006.

On January 2, 2007, the reporting person was granted an option to purchase 2,000,000 shares of common stock, which is exercisable in
(3) four equal installments. The first and second installments vested on January 2, 2007 and January 2, 2008, respectively. The third and fourth installments vest on January 2, 2009 and January 2, 2010, respectively.

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.