

HOUSATONIC EQUITY INVESTORS LP/MA
 Form 4
 October 24, 2006

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 *
 HOUSATONIC EQUITY INVESTORS LP/MA

2. Issuer Name and Ticker or Trading Symbol
 LEMAITRE VASCULAR INC [LMAT]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 44 MONTGOMERY STREET,
 SUITE 4010
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 10/24/2006

____ Director
 ____ Officer (give title below)
 ____ 10% Owner
 ____ Other (specify below)
 Stockholder

SAN FRANCISCO, CA 94104

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

(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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| Common Stock | 10/24/2006 | | C | V A | Amount 1,274,620 Price \$ 0 (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)

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. P... Der... Sec... (Ins... | | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|-----------------|--------------|----------------------------|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Series A Preferred Stock | \$ 0 ⁽¹⁾ | 10/24/2006 | | C | | 63,731 | | ⁽¹⁾ | ⁽¹⁾ | Common Stock | 63,731 ⁽¹⁾ |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

HOUSATONIC EQUITY INVESTORS LP/MA
 44 MONTGOMERY STREET, SUITE 4010
 SAN FRANCISCO, CA 94104

Stockholder

Signatures

/s/ Aaron M. Grossman
 Attorney-in-Fact

10/24/2006

 **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).

The preferred stock was convertible at any time, at the holder's election, or upon the consummation of the Issuer's Initial Public Offering (1) on a twenty-for-one basis. The 63,731 shares of Series A Preferred Stock converted into 1,274,620 shares of Common Stock upon the consummation of the Issuer's Initial Public Offering.

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.