

Gebauer Peter R
 Form 4
 August 31, 2010

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 *
 Gebauer Peter R

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)

3. Date of Earliest Transaction (Month/Day/Year)
 08/27/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 President, International Ops

C/O LEMAITRE VASCULAR, INC., 63 SECOND AVENUE
 (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

BURLINGTON, MA 01803

(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)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock	08/27/2010		M		7,691	A	\$ 0.102 39,123 D
Common Stock	08/27/2010		S		7,691	D	\$ 6.9 31,432 D
Common Stock	08/30/2010		M		12,309	A	\$ 0.102 43,741 D
Common Stock	08/30/2010		S		12,309	D	\$ 6.9 31,432 D

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

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(9-02)

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 Security (Instr. 3 and 4)	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 0.102	08/27/2010		M	7,691	06/02/1997 ⁽¹⁾ 06/02/2007 ⁽²⁾	Common Stock	7,691
Stock Option (Right to Buy)	\$ 0.102	08/30/2010		M	12,309	06/02/1997 ⁽¹⁾ 06/02/2007 ⁽²⁾	Common Stock	12,309

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gebauer Peter R C/O LEMAITRE VASCULAR, INC. 63 SECOND AVENUE BURLINGTON, MA 01803			President, International Ops	

Signatures

/s/ Aaron M. Grossman
Attorney-in-Fact
08/31/2010
Date

**Signature of 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).
- (1) This stock option is exercisable and vests over a seven-year period as follows: (1) 8.29% on August 15, 1997; (2) 16.68% on May 15 of each of 1998, 1999, 2000, 2001, and 2002; and (3) 8.29% on May 15, 2003.

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- (2) This stock option was originally reported on Form 3 as having an expiration date of June 2, 2007, but does not in fact have an expiration date. Because an expiration date is required to be reported, the originally reported expiration date is included for the sake of consistency.

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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