Gebauer Peter R
Form 4
August 31, 2010

FORM 4

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

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

OMB APPROVAL

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Gebauer Peter R

(Last) (First) (Middle)

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

(Street)

BURLINGTON, MA 01803

(City) (State) (Zip)

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

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

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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

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)
			Code	V	Amount	(A) or (D)	Price			
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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (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 Amoun Underlying Securit (Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Stock Option (Right to Buy)	$ 0.102	08/27/2010		M			7,691	06/02/1997(1)	06/02/2007(2)	Common Stock	7,6
Stock Option (Right to Buy)	$ 0.102	08/30/2010		M			12,309	06/02/1997(1)	06/02/2007(2)	Common Stock	12,3

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

**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) 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.

(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.
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.