LeMaitre Cornelia W Form 4 May 06, 2010

FORM 4

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

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * LeMaitre Cornelia W

(First)

(Middle)

2. Issuer Name and Ticker or Trading Symbol

LEMAITRE VASCULAR INC

[LMAT]

3. Date of Earliest Transaction (Month/Day/Year) 05/05/2010

C/O LEMAITRE VASCULAR, 4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB

Number:

Expires:

response...

Estimated average

burden hours per

OMB APPROVAL

3235-0287

January 31,

2005

0.5

X Director 10% Owner _X__ Officer (give title Other (specify below) V.P., Human Resources, Director

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

(Street)

INC, 63 SECOND AVENUE

BURLINGTON, MA 01803

(City)	(State) (Z	Zip) Table	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 on(A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)					
Common Stock	05/05/2010		S	1,300	D	\$ 5	512,639	D				
Common Stock	05/05/2010		S	6,000	D	\$ 5.01	506,639	D				
Common Stock	05/05/2010		S	1,600	D	\$ 5.02	505,039	D				
Common Stock	05/05/2010		S	200	D	\$ 5.03	504,839	D				
Common Stock	05/05/2010		S	63	D	\$ 5.05	504,776	D				

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Common Stock	05/05/2010	S	437	D	\$ 5.07	504,339	D
Common Stock	05/05/2010	S	100	D	\$ 5.09	504,239	D
Common Stock	05/05/2010	S	300	D	\$ 5.13	503,939	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)

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. Transacti Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Unde Secur	int of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

**Signature of Reporting Person

Attorney-in-Fact

Reporting Owner Name / Address	Relationships							
reposing 6 mer runney radices	Director	10% Owner	Officer	Other				
LeMaitre Cornelia W C/O LEMAITRE VASCULAR, INC 63 SECOND AVENUE BURLINGTON, MA 01803	X		V.P., Human Resources, Director					
Signatures								
/s/ Aaron M. Grossman								

05/06/2010

Date

Reporting Owners 2

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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.