LeMaitre Cornelia W Form 4 March 10, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

may continue. See Instruction 1(b).

obligations 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)

(Last)

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

(First)

2. Issuer Name and Ticker or Trading Symbol

LEMAITRE VASCULAR INC

[LMAT]

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

03/08/2010

(Middle)

C/O LEMAITRE VASCULAR, INC, 63 SECOND AVENUE

(Street)

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

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

X Director 10% Owner Other (specify _X__ Officer (give title 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

BURLINGTON, MA 01803

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secu	rities Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)	` /	
Common Stock	03/08/2010		S	100	D	\$ 4.81	533,839	D	
Common Stock	03/08/2010		S	200	D	\$ 4.85	533,639	D	
Common Stock	03/08/2010		S	100	D	\$ 4.86	533,539	D	
Common Stock	03/08/2010		S	500	D	\$ 4.87	533,039	D	
Common Stock	03/08/2010		S	300	D	\$ 4.88	532,739	D	

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ommon ock	03/08/2010	S	100	D	\$ 4.94	532,639	D
ommon ock	03/08/2010	S	400	D	\$ 4.96	532,239	D
ommon ock	03/09/2010	S	200	D	\$ 4.7	532,039	D
ommon ock	03/09/2010	S	600	D	\$ 4.72	531,439	D
ommon ock	03/10/2010	S	800	D	\$ 4.65	530,639	D
ommon ock	03/10/2010	S	1,500	D	\$ 4.655	529,139	D
ommon ock	03/10/2010	S	100	D	\$ 4.67	529,039	D
ommon ock	03/10/2010	S	269	D	\$ 4.6775	528,770	D
ommon ock	03/10/2010	S	100	D	\$ 4.685	528,670	D
ommon ock	03/10/2010	S	100	D	\$ 4.695	528,570	D
ommon ock	03/10/2010	S	900	D	\$ 4.7	527,670	D
ommon ock	03/10/2010	S	100	D	\$ 4.71	527,570	D
ommon ock	03/10/2010	S	1,400	D	\$ 4.775	526,170	D
ommon ock	03/10/2010	S	300	D	\$ 4.78	525,870	D
ommon ock	03/10/2010	S	100	D	\$ 4.79	525,770	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)

. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
erivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration Date	Amount of	Derivative	Deriv
ecurity	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e	Securities	(Instr. 5)	Bene
)	Derivative	Derivative Conversion ecurity or Exercise	Derivative Conversion (Month/Day/Year) ecurity or Exercise	Derivative Conversion (Month/Day/Year) Execution Date, if ecurity or Exercise any	Derivative Conversion (Month/Day/Year) Execution Date, if Transaction curity or Exercise any Code	Derivative Conversion (Month/Day/Year) Execution Date, if TransactionNumber ecurity or Exercise any Code of	Derivative Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date ecurity or Exercise any Code of (Month/Day/Year)	Derivative Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date Amount of ecurity or Exercise any Code of (Month/Day/Year) Underlying	Derivative Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date Amount of Derivative ecurity or Exercise any Code of (Month/Day/Year) Underlying Security

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Derivative Securities (Instr. 3 and 4) Security Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Amount Exercisable Date or Number of Shares

Relationships

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

LeMaitre Cornelia W
C/O LEMAITRE VASCULAR, INC
63 SECOND AVENUE
BURLINGTON, MA 01803
V.P., Human Resources, Director

Signatures

/s/ Aaron M. Grossman
Attorney-in-Fact 03/10/2010

**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).

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.

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