LeMaitre Cornelia W Form 4 October 23, 2006

FORM 4

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

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

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

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)

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(Print or Type Responses)

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

(First)

(Street)

C/O LEMAITRE VASCULAR,

2. Issuer Name and Ticker or Trading

Symbol

LEMAITRE VASCULAR INC

[LMAT]

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

10/20/2006

X Director 10% Owner

5. Relationship of Reporting Person(s) to

Other (specify _X__ Officer (give title below)

V.P., Human Resources, Director

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

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response...

Estimated average

burden hours per

INC, 63 SECOND AVENUE

(Middle)

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

Issuer

BURLINGTON, MA 01803

(City)	(State) (Z	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. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)			Securities Form: Direct Beneficially (D) or Owned Indirect (I)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock	10/20/2006		P	1,800	A	\$ 6.2	218,240	D		
Common Stock	10/20/2006		P	1,900	A	\$ 6.23	220,140	D		
Common Stock	10/20/2006		P	7,600	A	\$ 6.3	227,740	D		
Common Stock	10/20/2006		P	2,200	A	\$ 6.35	229,940	D		
Common Stock	10/20/2006		P	4,600	A	\$ 6.36	234,540	D		

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Common Stock	10/20/2006	P	1,900	A	\$ 6.43	236,440	D	
Common Stock	10/23/2006	P	3,886	A	\$ 6.35	240,326	D	
Common Stock	10/23/2006	P	70	A	\$ 6.38	240,396	D	
Common Stock	10/23/2006	P	5,260	A	\$ 6.4	245,656	D	
Common Stock						300,000	I	See Footnote (1)

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)	4. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	1	ate	7. Titl Amou Under Secur (Instr.	int of lying	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		

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	X		V.P., Human Resources, Director	

Reporting Owners 2

Signatures

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

10/23/2006

**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).
- (1) These shares are owned by Cornelia W. LeMaitre Grantor Retained Annuity Trust, of which Mrs. LeMaitre is the sole trustee.

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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