

O'Connor John James  
 Form 4/A  
 November 18, 2009

**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 \*  
 O'Connor John James

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)  
 09/12/2009

Director  10% Owner  
 Officer (give title below)  Other (specify below)

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

4. If Amendment, Date Original Filed(Month/Day/Year)  
 09/16/2009

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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	11/12/2009		P		100 \$ 4.51	D	
Common Stock	11/12/2009		P		400 \$ 4.52	D	
Common Stock	11/12/2009		P		500 \$ 4.53	D	
Common Stock	11/12/2009		P		200 \$ 4.545	D	
Common Stock	11/12/2009		P		1,000 \$ 4.55	D	

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Common Stock	11/12/2009	P	600	A	\$ 4.56	2,800	D
Common Stock	11/12/2009	P	500	A	\$ 4.58	3,300	D
Common Stock	11/12/2009	P	300	A	\$ 4.585	3,600	D
Common Stock	11/12/2009	P	161	A	\$ 4.59	3,761	D
Common Stock	11/12/2009	P	6,239	A	\$ 4.6	10,000	D
Common Stock	11/12/2009	P	400	A	\$ 4.66	10,400	D
Common Stock	11/12/2009	P	100	A	\$ 4.67	10,500	D
Common Stock	11/12/2009	P	400	A	\$ 4.68	10,900	D
Common Stock	11/16/2009	P	300	A	\$ 4.82	11,200	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 Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 6)
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
O'Connor John James C/O LEMAITRE VASCULAR, INC. 63 SECOND AVENUE BURLINGTON, MA 01803	X			

## Signatures

/s/ Aaron M. Grossman Attorney-In-Fact	11/18/2009
**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).

### Remarks:

This Amendment is being filed to correct the quantity and price of securities purchased on September 12, 2009, which were er

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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