

LEMAITRE VASCULAR INC  
 Form 3  
 October 18, 2006

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Kamke Trent G		(Month/Day/Year)	LEMAITRE VASCULAR INC [LMAT]	
(Last)	(First)	(Middle)	10/18/2006	
C/O LEMAITRE VASCULAR ,			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
INC., 63 SECOND AVENUE				
(Street)			(Check all applicable)	
BURLINGTON, MA 01803			<input type="checkbox"/> Director	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Officer	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			(give title below) (specify below)	<input type="checkbox"/> Form filed by More than One Reporting Person
			Senior V. P., Operations	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

(Instr. 5)

Stock Option (Right to Buy)	07/06/1998 <sup>(1)</sup>	07/06/2008	Common Stock	30,000	\$ 2.3537	D	Â
Stock Option (Right to Buy)	01/01/1999 <sup>(1)</sup>	01/01/2009	Common Stock	20,000	\$ 2.3537	D	Â
Stock Option (Right to Buy)	01/01/2000 <sup>(1)</sup>	01/01/2010	Common Stock	16,000	\$ 3.625	D	Â
Stock Option (Right to Buy)	12/31/2000 <sup>(2)</sup>	12/31/2010	Common Stock	6,000	\$ 4.15	D	Â
Stock Option (Right to Buy)	04/30/2001 <sup>(2)</sup>	04/30/2010	Common Stock	6,000	\$ 4.44	D	Â
Stock Option (Right to Buy)	05/17/2002 <sup>(2)</sup>	05/07/2012	Common Stock	7,500	\$ 7.03	D	Â
Stock Option (Right to Buy)	09/06/2002 <sup>(2)</sup>	09/06/2012	Common Stock	14,500	\$ 7.44	D	Â
Stock Option (Right to Buy)	11/22/2005 <sup>(2)</sup>	11/22/2015	Common Stock	15,000	\$ 11.78	D	Â
Stock Option (Right to Buy)	04/26/2006 <sup>(2)</sup>	04/26/2013	Common Stock	2,021	\$ 12.37	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Kamke Trent G C/O LEMAITRE VASCULAR , INC. 63 SECOND AVENUE BURLINGTON,Â MAÂ 01803	Â	Â	Â Senior V. P., Operations	Â

## Signatures

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

10/18/2006

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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 option is exercisable and vests over a four year period at a rate of 25% after one year of service from the date listed on the table, and the balance vesting in equal annual installments over the remaining 3 years.
- (2) This option is exercisable and vests over a five year period at a rate of 20% after one year of service from the date listed on the table, and the balance vesting in equal annual installments over the remaining 4 years.

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### Remarks:

ExhibitÂ Index

Exhibit 24 - Power of Attorney

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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