

MICRUS ENDOVASCULAR CORP  
 Form 4  
 February 22, 2007

**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 \*  
 Hopkins Leo Nelson

2. Issuer Name and Ticker or Trading Symbol  
 MICRUS ENDOVASCULAR CORP [MEND]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
 02/20/2007

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

C/O 821 FOX LANE

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

SAN JOSE, CA 95131

(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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	02/20/2007		M		17,777 A \$ 13.05	17,777	D
Common Stock	02/20/2007		M		23,555 A \$ 0.675	41,332	D
Common Stock	02/20/2007		S		9,200 D \$ 20.65	32,132	D
Common Stock	02/20/2007		S		700 D \$ 20.66	31,432	D
Common Stock	02/20/2007		S		100 D \$ 20.67	31,332	D

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Common Stock	02/20/2007	S	11,655	D	\$ 20.7	19,677	D
Common Stock	02/20/2007	S	3,199	D	\$ 20.71	16,478	D
Common Stock	02/20/2007	S	300	D	\$ 20.72	16,178	D
Common Stock	02/20/2007	S	800	D	\$ 20.73	15,378	D
Common Stock	02/20/2007	S	8,578	D	\$ 20.74	6,800	D
Common Stock	02/20/2007	S	5,100	D	\$ 20.75	1,700	D
Common Stock	02/20/2007	S	1,700	D	\$ 20.76	0	D
Common Stock	02/21/2007	M	9,781	A	\$ 0.765	9,781	D
Common Stock	02/21/2007	M	23,555	A	\$ 0.765	33,336	D
Common Stock	02/21/2007	S	33,336	D	\$ 21	0	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. 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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 0.675	02/20/2007		M	23,555	05/27/2003	05/27/2009	Common Stock	23,555

Stock Option (right to buy)	\$ 0.765	02/21/2007	M	9,781	08/24/2006	06/24/2013	Common Stock	9,781
Stock Option (right to buy)	\$ 13.05	02/20/2007	M	17,777	06/24/2005	06/24/2014	Common Stock	17,777
Stock Option (right to buy)	\$ 0.765	02/21/2007	M	23,555	05/15/2005	05/15/2011	Common Stock	23,555

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Hopkins Leo Nelson C/O 821 FOX LANE SAN JOSE, CA 95131		X		

## Signatures

/s/ Carolyn M. Bruguera, Attorney-in-Fact for Leo N. Hopkins

02/22/2007

\_\_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.

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