Bruguera Carolyn M Form 4 January 15, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Bruguera Carolyn M

(First) (Middle)

821 FOX LANE

(Last)

(City)

Common

Stock

(Street)

2. Issuer Name and Ticker or Trading

Symbol

MICRUS ENDOVASCULAR CORP [MEND]

3. Date of Earliest Transaction

(Month/Day/Year) 01/11/2008

4. If Amendment, Date Original

Filed(Month/Day/Year)

Director 10% Owner X_ Officer (give title

Other (specify Vice Pres. & General Counsel

5. Relationship of Reporting Person(s) to

6. Individual or Joint/Group Filing(Check

(Check all applicable)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Issuer

below)

SAN JOSE, CA 95131

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Zip)

(State)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

(A)

or

5. Amount of Securities Beneficially Owned Following Reported

Form: Direct (D) or Indirect (I) (Instr. 4)

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

 $3,072 \frac{(1)}{}$

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)

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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. Transactic Code (Instr. 8)	5. Number of or 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 1 9 (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 19.98	01/11/2008		A	20,000	(2)	01/11/2018	Common Stock	20,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Bruguera Carolyn M 821 FOX LANE SAN JOSE, CA 95131

Vice Pres. & General Counsel

Signatures

/s/ CAROLYN M. 01/14/2008 BRUGUERA

**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).
- 1,830 of these shares of common stock were purchased under the Issuer's Employee Stock Purchase Plan as follows: 719 shares on March 30,2007 and 1,111 shares on September 28, 2007.
- (2) Of the 20,000 options granted (the "Total Options") 1/4 vest on January 11, 2009 and 1/48th of Total Options vest on the same day each month thereafter.

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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