DAVIDSON EUGENE A

Form 4

December 18, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

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January 31, 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

Check this box

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

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * DAVIDSON EUGENE A

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

ANIKA THERAPEUTICS INC [ANIK]

(Check all applicable)

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Instr. 8)

X_ Director Officer (give title

10% Owner Other (specify

160 NEW BOSTON STREET

(Month/Day/Year) 12/14/2006

6. Individual or Joint/Group Filing(Check

(Instr. 4)

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

below)

WOBURN, MA 01801

(City) (State) (Zip)

(Street)

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

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

Following Reported Transaction(s)

(Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

(A)

or

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

5. Number Transaction of Derivative Expiration Date

Securities

Code

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount Underlying Securitie (Instr. 3 and 4)

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired Derivative (A) or Security Disposed of (D) (Instr. 3, 4, and 5)

> Code V (A) (D) Date Expiration Title

Exercisable

Amou or

Date

Numbe of Shares

Stock

Common 12/14/2006 12/14/2016 Appreciation \$ 12.36 12/14/2006 A 1,540 1,54 Stock

Rights

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

DAVIDSON EUGENE A 160 NEW BOSTON STREET X WOBURN, MA 01801

Signatures

/s/ Charles H. 12/18/2006 Sherwood

**Signature of Reporting Date Person

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. 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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