SMITH STEPHEN J

Form 4 April 05, 2007

FORM 4

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

Check this box

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

obligations

may continue.

See Instruction

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

1(b).

1.Title of

Security

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person *

SMITH STEPHEN J

(First) (Middle) (Last)

C/O NANOMETRICS, INC., 1550 **BUCKEYE DRIVE**

(Street)

MILPITAS, CA 95035

2. Issuer Name and Ticker or Trading

Symbol

NANOMETRICS INC [NANO] 3. Date of Earliest Transaction

(Month/Day/Year) 04/03/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

January 31, Expires:

2005 Estimated average

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response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

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

(City) (State) (Zip)

(Month/Day/Year)

2. Transaction Date 2A. Deemed Execution Date, if

(Month/Day/Year) (Instr. 8)

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

(Instr. 3, 4 and 5)

Code V Amount (D) Price

(A)

or

Securities Beneficially Owned Following Reported

Transaction(s)

(Instr. 3 and 4)

5. Amount of

6. Ownership Form: Direct (I) (Instr. 4)

7. Nature of Indirect (D) or Indirect Beneficial Ownership

(Instr. 4)

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 2. 3. Transaction Date 3A. Deemed 5. Number Date Exercisable and Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date Security or Exercise any Code Securities (Month/Day/Year)

1

7. Title and Am

Underlying Secu

(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 Exercisable Expiration Title Date Non-Qualified Common 04/03/2008(1) 04/03/2012 04/03/2007 **Stock Option** \$ 6.61 A 2,500 Stock

A

or N of Sl

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SMITH STEPHEN J C/O NANOMETRICS, INC. 1550 BUCKEYE DRIVE MILPITAS, CA 95035

X

Signatures

(right to buy)

/s/ Douglas J. McCutcheon, attorney in fact

04/04/2007

**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).
- (1) The option vests in three equal annual installments beginning on April 3, 2008.

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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