NANOMETRICS INC Form 4

May 20, 2015

FORM 4

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

OMB Number:

3235-0287

0.5

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

January 31, Expires: 2005

OMB APPROVAL

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response...

subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

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).

(City)

(State)

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Heidrich Kevin Issuer Symbol NANOMETRICS INC [NANO] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) 10% Owner Director X_ Officer (give title Other (specify C/O NANOMETRICS. 05/19/2015 below) below) **INCORPORATED. 1550** Senior VP, Marketing **BUCKEYE DRIVE** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting MILPITAS, CA 95035

> (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 | 3. Transaction | 3. 4. Securities Acquire Transaction(A) or Disposed of (Code (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially | 6. Ownership Form: Direct (D) or | 7. Nature of Indirect Beneficial |
|--------------------------------------|--------------------------------------|-----------------------------------|-------------------|---|-----------|-------------|--------------------------------------|----------------------------------|----------------------------------|
| | | (Month/Day/Year) | (Instr. 8) | | | | Owned | Indirect (I) | Ownership |
| | | • | | | | | Following | (Instr. 4) | (Instr. 4) |
| | | | | | (4) | | Reported | | |
| | | | | | (A) | | Transaction(s) | | |
| | | | Code V | Amount | or (D) | Price | (Instr. 3 and 4) | | |
| Common Stock | 05/19/2015 | | F | 969 | D | \$ 15.65 | 41,328 | D | |

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)

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| | 2. | 3. Transaction Date | | 4. | 5. | 6. Date Exerc | | 7. Titl | | 8. Price of | 9. Nu |
|--------------------------------------|---|---------------------|---|--------------------------------|--|---------------------|--------------------|------------------------------------|--|--------------------------------------|---|
| Derivative Security (Instr. 3) | Conversion or Exercise Price of Derivative Security | (Month/Day/Year) | Execution Date, if any (Month/Day/Year) | Transact Code (Instr. 8) | orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | : | | Amou Under Securi (Instr. | lying | Derivative Security (Instr. 5) | Deriv Secur Bene Own Follo Repo Trans (Instr |
| | | | | Code V | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Heidrich Kevin C/O NANOMETRICS, INCORPORATED 1550 BUCKEYE DRIVE MILPITAS, CA 95035

Senior VP, Marketing

Signatures

/s/Jeffrey Andreson, Attorney-in-Fact

05/20/2015

**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. 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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