NANOMETRICS INC

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Form 4

September 23, 2015

FORM 4

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

OMB APPROVAL OMB

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if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Section 16. Form 4 or

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

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

Form 5

obligations

may continue.

See Instruction

(Print or Type Responses)

1. Name and Ad Heidrich Key	•	ing Person *	2. Issuer Name and Ticker or Trading Symbol NANOMETRICS INC [NANO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Sheek all applicable)				
C/O NANOMETRICS, INCORPORATED, 1550 BUCKEYE DRIVE			(Month/Day/Year) 09/21/2015	Director 10% Owner _X_ Officer (give title Other (specify below) Senior VP, Marketing				
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check				
MILPITAS, CA 95035			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acc	quired, Disposed of, or Beneficially Owned				

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative S	Securi	ties Acqu	ired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	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)
Common Stock	09/21/2015		M <u>(1)</u>	10,000	A		52,256 (2)	D	
Common Stock	09/21/2015		S <u>(1)</u>	10,000	D	\$ 13.32 (3)	42,256	D	
Common Stock	09/21/2015		S(1)	7,425	D	\$ 13.31 (4)	34,831	D	

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

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SEC 1474 (9-02)

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 onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Non-Qualified Stock Option (Right to Buy)	\$ 2.38	09/21/2015		M(1)	10,000	<u>(5)</u>	06/18/2016	Common Stock	10,0

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/Janet Taylor, Attorney-in-Fact 09/23/2015

**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).
- (1) Transaction pursuant to Rule 10b5-1 Plan adopted August 18, 2015.
- (2) Includes 928 shares acquired pursuant to the Issuer's Amended and Restated 2003 Employee Stock Purchase Plan on June 30, 2015.
- The price in Column 4 is a weighted average sale price. The prices actually received ranged from \$13.05 to \$13.89. The reporting person will provide to the issuer, any security holder of the issuer, or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.
- The price in Column 4 is a weighted average sale price. The prices actually received ranged from \$13.05 to \$13.69. The reporting person (4) will provide to the issuer, any security holder of the issuer, or the SEC staff, upon request, information regarding the number of shares sold at each price within the range.

Reporting Owners 2

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(5) Fully vested.

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.