Coates Norman V Form 4 November 28, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

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January 31, 2005

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**OMB APPROVAL** 

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

obligations

**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

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

1(b).

(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 Coates Norman V Issuer Symbol NANOMETRICS INC [NANO] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) \_X\_\_ Director 10% Owner Officer (give title Other (specify C/O NANOMETRICS, INC., 1550 11/26/2012 below) **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

(City)	(State)	(Zip) <b>Tabl</b>	e I - Non-I	Derivative S	Securi	ties Acqu	iired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	4. Securities Acquired n(A) or Disposed of (D) (Instr. 3, 4 and 5)  (A) or			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	11/26/2012		Code V	Amount 25,000	(D)	Price \$ 14.18 <u>(1)</u>	758,819	I	See footnote (2)
Common Stock	11/27/2012		S	25,000	D	\$ 14.27 (3)	733,819	I	See footnote (2)
Common Stock	11/28/2012		S	25,000	D	\$ 14.27 (4)	708,819	I	See footnote (2)
Common Stock							4,096	D	

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

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	4.	5.	6. Date Exerc	isable and	7. Titl	e and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amou	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	,
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	ities	(Instr. 5)	]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						]
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	m	or		
						Exercisable Date	Title				
				~	<del></del>				of		
				Code V	(A) (D)				Shares		

# **Reporting Owners**

Panarting Owner Name / Address	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

Coates Norman V C/O NANOMETRICS, INC. 1550 BUCKEYE DRIVE MILPITAS, CA 95035

X

# **Signatures**

/s/Ronald W. Kisling, Attorney-in-Fact

\*\*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).
- The price in Column 4 is a weighted average sale price. The prices actually received ranged from \$14.01 to \$14.36. The reporting person (1) 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.
- (2) Shares held of record by the Vincent J. Coates Separate Property Trust, U/D/T dated August 7, 1981, for which Norman Coates and Stella Coates act as co-trustees.
- The price in Column 4 is a weighted average sale price. The prices actually received ranged from \$14.12 to \$14.36. 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.

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The price in Column 4 is a weighted average sale price. The prices actually received ranged from \$14.00 to \$14.49. 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.

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.