Taylor Janet Therese Form 4 February 25, 2019

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

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obligations

may continue.

See Instruction

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).

(Print or Type Responses)

1. Name and Address of Reporting Person * Taylor Janet Therese			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	(eneck un applicable)			
			(Month/Day/Year)	Director 10% Owner			
C/O NANOM	ETRICS, INC	C., 1550	02/22/2019	X Officer (give title Other (specify below)			
BUCKEYE DRIVE				General Counsel			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Ch			
			Filed(Month/Day/Year)	Applicable Line)			
MILPITAS, CA 95035				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State) ((Zip) Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Transaction(A) or Dispo Code (Instr. 3, 4 au (Instr. 8)			d of (D) Securities		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	02/22/2019		F	1,141	D	\$ 29.59	30,497	D	
Common Stock	02/23/2019		F	1,899	D	\$ 29.59	28,598	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)

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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		4.	5.	6. Date Exer		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title Number	Number		
						Exercisable Date		of			
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

Taylor Janet Therese

C/O NANOMETRICS, INC. General 1550 BUCKEYE DRIVE Counsel MILPITAS, CA 95035

Signatures

/s/ Janet Taylor 02/25/2019

**Signature of Pate 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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