

Lesaiherre Pierre-Yves  
 Form 4  
 February 25, 2019

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 Lesaicherre Pierre-Yves

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)  
 C/O NANOMETRICS,  
 INCORPORATED, 1550  
 BUCKEYE DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 02/23/2019

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 President and CEO

MILPITAS, CA 95035

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (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 (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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 Ownership (Instr. 4) |   |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|---|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |  |   |
|                                 |                                      |  |                                | Code  | V   | Amount   |  |   |
| Common Stock                    | 02/23/2019                           |  | M                              | 12,831  | A   | \$ 0   | 92,107                                     | D |
| Common Stock                    | 02/23/2019                           |  | F                              | 7,468   | D   | \$ 29.59   | 84,639                                     | D |

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474 (9-02)

Edgar Filing: Lesaicherre Pierre-Yves - Form 4

**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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| Performance Stock Units                    | (1)  | 02/23/2019                           |  | M                              | 12,831  | (1) 02/23/2021   | Common Stock 12,831   |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |                   |       |
|---|---------------|-----------|-------------------|-------|
|   | Director      | 10% Owner | Officer           | Other |
| Lesacherre Pierre-Yves<br>C/O NANOMETRICS, INCORPORATED<br>1550 BUCKEYE DRIVE<br>MILPITAS, CA 95035 | X             |           | President and CEO |       |

## Signatures

/s/ Janet Taylor,  
Attorney-in-Fact 02/25/2019

\*\*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).
- Shares are represented by performance stock units. Each performance stock unit represents a contingent right to receive one share of
- (1) NANO common stock. The performance stock units vest in equal target increments, on February 23 in 2019, 2020 and 2021, provided that certain price performance targets are met.

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.