

| OMB APPROVAL                                 |           |
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|   |  |  |
|---|--|--|
| 1. Name and Address of Reporting Person*<br><u>Linthwaite Stephen Christopher</u><br><br>(Last) (First) (Middle)<br>C/O FLUIDIGM CORPORATION<br>7000 SHORELINE COURT, SUITE 100<br><br>(Street)<br>SOUTH SAN FRANCISCO CA 94080<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>FLUIDIGM CORP [ FLDM ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br>President & CEO |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br>02/19/2019               |  |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)  |  |  |

**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 Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock                    | 02/20/2019                           |  | M                              |   | 4,750   | A          | \$0     | 148,290 <sup>(1)</sup>  | D  |   |
| Common Stock                    | 02/20/2019                           |  | M                              |   | 7,812   | A          | \$0     | 156,102   | D  |   |
| Common Stock                    | 02/20/2019                           |  | F                              |   | 4,644   | D          | \$10.78 | 151,458   | D  |   |

**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 Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|-------|--|-----------------|---|--|--|---|--|-------|
|  |  |                                      |  | Code                           | V | (A)  | (D)   | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| Restricted Stock Units                     | (2)  | 02/19/2019                           |  | A                              |   | 110,112  |       | (3)  | (3)             | Common Stock  | 110,112                                    | \$0  | 110,112   | D  |       |
| Restricted Stock Units                     | (2)  | 02/20/2019                           |  | M                              |   |  | 4,750 | (4)  | (4)             | Common Stock  | 4,750                                      | \$0  | 36,417  | D  |       |
| Restricted Stock Units                     | (2)  | 02/20/2019                           |  | M                              |   |  | 7,812 | (5)  | (5)             | Common Stock  | 7,812                                      | \$0  | 101,564   | D  |       |

**Explanation of Responses:**

- Includes 1,235 shares purchased on November 30, 2018 under the Company's 2017 Employee Stock Purchase Plan.
- Each Restricted Stock Unit represents the contingent right to receive one share of FLDM common stock upon vesting of the unit.
- 12/48th of the total number of shares underlying the Restricted Stock Units granted will vest on February 20, 2020, and 3/48th of the total number of shares underlying the Restricted Stock Units granted will vest every three months thereafter until fully vested, subject to recipient's continued status as a Service Provider (as defined in the Company's 2011 Equity Incentive Plan) through the applicable vest date.
- On February 13, 2017, the Reporting Person was granted 76,000 Restricted Stock Units of which 4/48th of the total number of shares underlying the Restricted Stock Units granted vested on May 20, 2017, and 3/48th of the total number of shares underlying the Restricted Stock Units granted have vested and will vest every three months thereafter until fully vested, subject to recipient's continued status as a Service Provider (as defined in the Company's 2011 Equity Incentive Plan) through the applicable vest date.
- On June 11, 2018, the Reporting Person was granted 125,000 Restricted Stock Units of which 3/48th of the total number of shares underlying the Restricted Stock Units granted vested on August 20, 2018, and 3/48th of the total number of shares underlying the Restricted Stock Units granted have vested and will vest every three months thereafter until fully vested, subject to recipient's continued status as a Service Provider (as defined in the Company's 2011 Equity Incentive Plan) through the applicable vest date.

**Remarks:**

/s/ Stephen Christopher Linthwaite by Nicholas Khadder, Attorney-in-Fact  
 02/21/2019  
 \*\* Signature of Reporting Person Date

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

\* 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.

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