

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

| OMB APPROVAL | |
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| 1. Name and Address of Reporting Person* <u>Linthwaite Stephen Christopher</u> (Last) (First) (Middle) <u>C/O FLUIDIGM CORPORATION</u> <u>7000 SHORELINE COURT, SUITE 100</u> (Street) <u>SOUTH SAN FRANCISCO CA 94080</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>FLUIDIGM CORP [FLDM]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President & CEO</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>08/20/2019</u> | |
| | 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 | 08/20/2019 | | M | | 4,750 | A | \$0 | 165,905 ⁽¹⁾ | D | |
| Common Stock | 08/20/2019 | | M | | 7,812 | A | \$0 | 173,717 | D | |
| Common Stock | 08/20/2019 | | F | | 6,326 | D | \$6.04 | 167,391 | 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) | 08/20/2019 | | M | | | 4,750 | (3) | (3) | Common Stock | 4,750 | \$0 | 26,917 | D | |
| Restricted Stock Units | (2) | 08/20/2019 | | M | | | 7,812 | (4) | (4) | Common Stock | 7,812 | \$0 | 85,940 | D | |

Explanation of Responses:

- Includes 3,461 shares purchased on May 31, 2019 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.
- On February 13, 2017, the Reporting Person was granted 76,000 Restricted Stock Units vesting as to 1/12th of the total number of shares on May 20, 2017, and as to 1/16th of the total number of shares each quarter thereafter.
- On June 11, 2018, the Reporting Person was granted 125,000 Restricted Stock Units vesting as to 1/16th of the total number of shares on August 20, 2018, and as to 1/16th of the total number of shares each quarter thereafter.

Remarks:

/s/ Stephen Christopher
Linthwaite by Nicholas
Khadder, Attorney-in-Fact
 ** Signature of Reporting Person Date 08/22/2019

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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