

**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*<br><b>JOG VIKRAM</b><br>_____<br>(Last) (First) (Middle)<br><b>C/O FLUIDIGM CORPORATION</b><br><b>7000 SHORELINE COURT, SUITE 100</b><br>_____<br>(Street)<br><b>SOUTH SAN FRANCISCO CA 94080</b><br>_____<br>(City) (State) (Zip) |  |  | 2. Issuer Name and Ticker or Trading Symbol<br><b>FLUIDIGM CORP [ FLDM ]</b>  |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner<br>Officer (give title below) Other (specify below)<br><b>X CHIEF FINANCIAL OFFICER</b> |  |  |
|   |  |  | 3. Date of Earliest Transaction (Month/Day/Year)<br><b>02/19/2019</b>   |  |  |  |  |  |
|   |  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year)  |  |  |  |  |  |
|   |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br>X Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |  |  |  |  |  |

**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                              |   | 201   | A          | \$0     | 32,670  | D  |   |
| Common Stock                    | 02/20/2019                           |  | M                              |   | 338   | A          | \$0     | 33,008  | D  |   |
| Common Stock                    | 02/20/2019                           |  | M                              |   | 2,162   | A          | \$0     | 35,170  | D  |   |
| Common Stock                    | 02/20/2019                           |  | M                              |   | 2,251   | A          | \$0     | 37,421  | D  |   |
| Common Stock                    | 02/20/2019                           |  | F                              |   | 2,010   | D          | \$10.78 | 35,411  | D  |   |
| Common Stock                    |                                      |  |                                |   |   |            |         | 52,061  | I  | See Footnote <sup>(1)</sup>                           |

**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   | Amount or Number of Shares |  |  |   |  |
| Restricted Stock Units                     | (2)  | 02/19/2019                           |  | A                              |   | 35,787   |     | (3)  | (3)             | Common Stock  | 35,787                     | \$0  | 35,787   | D   |  |
| Restricted Stock Units                     | (2)  | 02/20/2019                           |  | M                              |   | 201  |     | (4)  | (4)             | Common Stock  | 201                        | \$0  | 0  | D   |  |
| Restricted Stock Units                     | (2)  | 02/20/2019                           |  | M                              |   | 338  |     | (5)  | (5)             | Common Stock  | 338                        | \$0  | 1,238  | D   |  |
| Restricted Stock Units                     | (2)  | 02/20/2019                           |  | M                              |   | 2,162  |     | (6)  | (6)             | Common Stock  | 2,162                      | \$0  | 16,580   | D   |  |
| Restricted Stock Units                     | (2)  | 02/20/2019                           |  | M                              |   | 2,251  |     | (7)  | (7)             | Common Stock  | 2,251                      | \$0  | 29,263   | D   |  |

**Explanation of Responses:**

- Shares held indirectly by the Vikram and Pratima Family Trust U/A dated June 23, 2009.
- 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 March 12, 2015, the Reporting Person was granted 4,800 Restricted Stock Units of which 4/48th of the total number of shares underlying the Restricted Stock Units granted vested on May 20, 2015, and 3/48th of the total number of shares underlying the Restricted Stock Units granted have vested 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 March 4, 2016, the Reporting Person was granted 5,400 Restricted Stock Units of which 4/48th of the total number of shares underlying the Restricted Stock Units granted vested on May 20, 2016, 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 February 13, 2017, the Reporting Person was granted 34,600 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 36,016 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/ Vikram Jog 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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