

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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	
OMB Number:	3235-0104
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1. Name and Address of Reporting Person* <u>Kreger Bradley Allen</u> (Last) (First) (Middle) C/O FLUIDIGM CORPORATION 7000 SHORELINE COURT, SUITE 100 (Street) SOUTH SAN FRANCISCO CA 94080 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 05/14/2018	3. Issuer Name and Ticker or Trading Symbol <u>FLUIDIGM CORP [FLDM]</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) SVP, Global Operations	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Restricted Stock Units	(1)	(1)	Common Stock	50,000	(2)	D	
Employee Stock Option (Right to Buy)	(3)	05/08/2028	Common Stock	100,000	5.46	D	

Explanation of Responses:

- 12/48th of the total number of shares underlying the Restricted Stock Units granted will vest on May 20, 2019, 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 the Reporting Person's continued status as a Service Provider (as defined in the Company's 2017 Inducement Award Plan) through the applicable vest date.
- Each Restricted Stock Unit represents the contingent right to receive one share of FLDM common stock upon vesting of the unit.
- 25% of the total number of shares subject to the Option will vest on April 2, 2019 and 1/48th of the total shares subject to the Option will vest and become exercisable each month thereafter over the succeeding 36 months, such that the Option will be fully vested on April 2, 2022, subject to the Reporting Person's continued status as a Service Provider (as defined in the Company's 2017 Inducement Award Plan) through each applicable vest date.

Remarks:

Exhibit 24 - Power of Attorney

/s/ Bradley Kreger by Nicholas Khadder,
Attorney-in-Fact

05/24/2018

** 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 5 (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.

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 Number.

POWER OF ATTORNEY

The undersigned, as a Section 16 reporting person of Fluidigm Corporation (the "Company"), hereby constitutes and appoints the officers of the Company and the respondent to

1. complete and execute Forms ID, 3, 4 and 5 and other forms and all amendments thereto as such attorney-in-fact shall in his or her discretion determine to be required to file such forms with the Securities and Exchange Commission, any securities exchange or national association, the Company and any other governmental authority;
2. do all acts necessary in order to file such forms with the Securities and Exchange Commission, any securities exchange or national association, the Company and any other governmental authority.

The undersigned hereby ratifies and confirms all that said attorney-in-fact and agents shall do or cause to be done by virtue hereof. The undersigned acknowledges that this Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms ID, 3, 4 and 5 with respect to the undersigned. IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 30th day of April, 2018.

Signature: /s/ Brad Kreger
Brad Kreger