

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	
OMB Number:	3235-0287
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1. Name and Address of Reporting Person * <u>COLELLA SAMUEL D</u> (Last) (First) (Middle) <u>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) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>06/20/2019</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	06/20/2019		M		5,000	A	\$10.45	88,881 ⁽¹⁾	D	
Common Stock	06/20/2019		M		3,000	A	\$5.44	91,881	D	
Common Stock	06/20/2019		M		5,000	A	\$3.43	96,881	D	
Common Stock	06/20/2019		M		10,600	A	\$5.57	107,481	D	
Common Stock								5,561	I	Colella Family Partners, L.P ⁽²⁾
Common Stock								69,272 ⁽¹⁾	I	Colella Family Exempt Marital Deduction Trust dated 9/21/1992
Common Stock								3,326	I	Colella Family Non-Exempt Marital Deduction Trust dated 9/21/1992

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
Stock Option (Right to Buy)	\$10.45	06/20/2019		M			5,000	(3)	08/03/2026	Common Stock	5,000	\$10.45	0	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	Amount or Number of Shares				
Stock Option (Right to Buy)	\$5.44	06/20/2019		M			3,000	(4)	08/01/2027	Common Stock	3,000	\$5.44	0	D	
Stock Option (Right to Buy)	\$3.43	06/20/2019		M			5,000	(4)	08/01/2027	Common Stock	5,000	\$3.43	0	D	
Stock Option (Right to Buy)	\$5.57	06/20/2019		M			10,600	(5)	05/31/2028	Common Stock	10,600	\$5.57	0	D	

Explanation of Responses:

1. Reflects an aggregate of 15,877 shares that were reported in prior Forms 4 as being directly held and are now being reported as indirectly held. Of such 15,877 shares, (i) 10,877 shares were transferred to the Colella Family Exempt Marital Deduction Trust dated 9/21/1992 (the "Trust") for no consideration on July 25, 2016, and (ii) 5,000 shares were acquired by the Trust in an open market purchase on December 14, 2016, that was erroneously reported as a direct ownership transaction.
2. The shares are held by Colella Family Partners, L.P., of which the Reporting Person is the General Partner. The Reporting Person disclaims beneficial ownership of the reported securities except to the extent of his proportionate pecuniary interest therein, if any.
3. The Option vested and became exercisable in twelve equal monthly increments and was fully exercisable on August 3, 2017.
4. The Option vested and became exercisable in twelve equal monthly increments and was fully exercisable on August 1, 2018.
5. The Option vested and became exercisable in twelve equal monthly increments and was fully exercisable on May 31, 2019.

Remarks:

/s/ Samuel D. Colella by
Nicholas Khadder, Attorney-in- 06/24/2019
Fact

** 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.

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.