UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported)

September 8, 2020

Fluidigm Corporation

(Exact Name of Registrant as Specified in Charter)

Delaware 001-34180 77-0513190

(State or Other Jurisdiction of Incorporation)

(Commission File Number)

(I.R.S. Employer Identification No.)

2 Tower Place, Suite 2000, South San Francisco, California 94080

(Address of Principal Executive Offices) (Zip Code)

(650) 266-6000

Registrant's Telephone Number, Including Area Code

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- □ Written communication pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- □ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- □ Pre-commencement communication pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communication pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common stock, par value \$0.001 per share	FLDM	Nasdaq Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).

Emerging growth company □

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 8.01. Other Events.

From August 13, 2020 through September 3, 2020, Fluidigm Corporation (the "Company") sold a total of 2,479,517 shares of its common stock for aggregate gross proceeds of approximately \$20.9 million before commissions and offering expenses under its previously announced "at-the-market" equity offering program. The sales were completed pursuant to the Open Market Sale AgreementSM with Jefferies LLC dated as of March 4, 2020, which the Company filed as an exhibit to a Current Report on Form 8-K filed with the Securities and Exchange Commission on March 5, 2020.

The shares were issued pursuant to the Company's effective shelf registration statement on Form S-3 (File No. 333-230383), as amended. The offering was made only by means of a written prospectus and prospectus supplements that form a part of the registration statement.

This Current Report does not constitute an offer to sell or the solicitation of an offer to buy the securities discussed herein, nor shall there be any sale of such securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or jurisdiction.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: September 8, 2020

FLUIDIGM CORPORATION

By: /s/ Vikram Jog

Vikram Jog

Chief Financial Officer