UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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)

February 24, 2017

FLUIDIGM CORPORATION

(Exact name of registrant as specified in its charter)

Delaware

001-34180

77-0513190

(State or other jurisdiction of incorporation)

(Commission File Number)

(IRS Employer Identification No.)

7000 Shoreline Court, Suite 100 South San Francisco, California 94080

(Address of principal executive offices, including 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 communications 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 communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- [] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02 – Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(b) Director Not Standing for Reelection

On February 24, 2017, John A. Young, a member of the Board of Directors (the "Board") of Fluidigm Corporation (the "Company") notified the Company that he intended to resign from the Board no later than the Company's next annual meeting of stockholders. Mr. Young continues to serve as director at the time of this report and has not otherwise determined a date for his resignation.

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.

FLUIDIGM CORPORATION

Date: February 24, 2017 By: /s/ Nicholas Khadder

Nicholas Khadder

General Counsel and Secretary