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): August 14, 2019

Axcelis Technologies, Inc.

(Exact name of registrant as specified in its charter)

Delaware000-3094134-1818596(State or other jurisdiction
of incorporation)(Commission
File Number)(IRS Employer
Identification No.)

108 Cherry Hill Drive, Beverly, Massachusetts

(Address of principal executive offices)

01915 (Zip Code)

Registrant's telephone number, including area code: (978) 787-4000

(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:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications 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:

		Name of each exchange on
Title of each class	Trading symbol(s)	which registered
Common Stock, \$0.001 par value	ACLS	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(§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company o

If an emerging growth company, indicate by check mark if 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. o

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

(d) **Election of Director.** On August 14, 2019, pursuant to Section 6.1 of Article Third of the Restated Certificate of Incorporation of Axcelis Technologies, Inc. (the "Company") and Section 2.2 of the Bylaws of the Company, the Board of Directors of the Company expanded the number of members of the Board of Directors to nine. Immediately thereafter, pursuant to Section 6.3 of Article Third of the Restated Certificate of Incorporation of the Company and Section 2.4 of the Bylaws of the Company, the Board of Directors elected Jorge Titinger to fill the vacancy on the Board for a term ending at the 2020 Annual Meeting of Stockholders. The Company's press release regarding Mr. Titinger's election is attached as Exhibit 99.1 to this Current Report on Form 8-K.

Information about Mr. Titinger's committee assignments is incorporated by reference from Item 8.01 below. Mr. Titinger will participate in the Company's non-employee director compensation arrangements, a description of which appears under the heading "Director Compensation" in the proxy statement for the Company's 2019 annual meeting of stockholders and is incorporated herein by reference. On August 15, 2019, upon recommendation of the Nominating and Governance Committee and the Compensation Committee, the full Board of Directors approved the grant to Mr. Titinger of two restricted stock unit awards. One of the RSU awards, a new director grant, is for 8,459 units and will vest as to 25% of the units on each of the first four anniversaries of the date of grant, assuming continuation of service. The second RSU award is a pro-rated 2019 annual director grant, for 6,344 units and will vest on February 15, 2020, assuming continuation of service on the Board.

In addition, Mr. Titinger has executed an indemnification agreement in the form executed by all non-employee directors, as described under the heading "Director Compensation" in the proxy statement for the Company's 2019 annual meeting of stockholders.

Item 8.01 Other Events.

On August 14, 2019, the Board of Directors of the Company:

- · appointed R. John Fletcher, Arthur L. George, Jr., John T. Kurtzweil, Richard J. Faubert and Jorge Titinger to serve as the Compensation Committee of the Board of Directors, with Mr. Fletcher designated as Chairman thereof; and
- appointed Joseph P. Keithley, John T. Kurtzweil, R. John Fletcher and Jorge Titinger to serve as the Audit Committee of the Board of Directors, with Mr. Kurtzweil designated as Chairman thereof.

Such election and appointments are to serve until the next annual meeting of the Board of Directors and until such director's successor has been elected and qualified, or until such director's earlier death, resignation or removal.

Item 9.01.	Financial Statements and Exhibits	
(d) Exhibits		
Exhibit No.		Description
99.1	Press Release dated August 15, 2019. Filed herewith.	
	2	

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: August 15, 2019 Axcelis Technologies, Inc.

By: /s/ Lynnette C. Fallon

Lynnette C. Fallon

Executive Vice President HR/Legal and General Counsel

AXCELIS APPOINTS JORGE TITINGER TO ITS BOARD OF DIRECTORS

BEVERLY, Mass., Aug. 15, 2019 — Axcelis Technologies, Inc. (Nasdaq: ACLS), a leading supplier of enabling ion implantation solutions for the semiconductor industry, announced today that Jorge Titinger has joined the Company's Board of Directors. Mr. Titinger brings to Axcelis over 25 years of experience in the semiconductor equipment and computing industries and a strong track record of accomplishment managing companies at the executive level.

"We are very pleased to welcome Jorge Titinger to our board of directors," said Mary G. Puma, president and CEO of Axcelis Technologies. "His vast management experience and in-depth knowledge of the semiconductor and electronics industries will be a great asset to our board. We look forward to Jorge's contributions as we lead Axcelis to the next level of growth."

Most recently, Mr. Titinger served as President and Chief Executive Officer and member of the Board of Directors of Silicon Graphics International Corporation. Prior to this, Mr. Titinger served as President and Chief Executive Officer of Verigy Ltd. Prior to Verigy, Jorge held executive positions at FormFactor, Inc., KLA-Tencor Corporation, and Applied Materials, Inc. Before his 17 year career in the semiconductor equipment industry, he spent 10 years in the computer industry, where he held positions of increasing responsibility at Net Power, Inc, Hewlett-Packard Company, and MIPS Computer Systems, Inc. Mr. Titinger holds B.S. and M.S. degrees in Electrical Engineering and an M.S. degree in Engineering Management from Stanford University. He currently is a member of the Boards of Directors of Cohu Inc., Hercules Capital, Inc., and CalAmp Corporation.

About Axcelis:

Axcelis (Nasdaq: ACLS), headquartered in Beverly, Mass., has been providing innovative, high-productivity solutions for the semiconductor industry for over 40 years. Axcelis is dedicated to developing enabling process applications through the design, manufacture and complete life cycle support of ion implantation systems, one of the most critical and enabling steps in the IC manufacturing process. Learn more about Axcelis at www.axcelis.com.

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