Lawson Douglas A.
Form 4/A
February 12, 2019

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number:	3235-0287
Expires:	January 31, 2005
Estimated average burden hours per response...	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Lawson Douglas A.

(Last) (First) (Middle)

C/O AXCELIS TECHNOLOGIES, INC., 108 CHERRY HILL DRIVE

(Street)

BEVERLY, MA 01915

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
AXCELIS TECHNOLOGIES INC [ACLS]

3. Date of Earliest Transaction (Month/Day/Year)
06/01/2018

4. If Amendment, Date Original Filed(Month/Day/Year)
06/01/2018

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
EVP, Corporate Mktg & Strategy

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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	06/01/2018		S		3,000	D	$ 21.72	46,450 (1)	D	
Common Stock	06/01/2018		S		1,554	D	$ 21.71	44,896 (1) (2)	D	
Common Stock	06/01/2018		M		1,953	A	$ 12.04	46,849 (1) (2)	D	
Common Stock	06/01/2018		S		1,953	D	$ 21.74	44,896 (1) (2)	D	
Common Stock								3,125	I	Held by spouse

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

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 Underlying Securities (Instr. 3 and 4)		8. D S (I
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock option (right to buy)	$ 12.04	06/01/2018		M			1,953	04/15/2018	07/15/2022	Common Stock	1,953	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Lawson Douglas A. C/O AXCELIS TECHNOLOGIES, INC. 108 CHERRY HILL DRIVE BEVERLY, MA 01915			EVP, Corporate Mktg & Strategy	

Signatures

Lynnette C. Fallon, as attorney in fact for Douglas A. Lawson	02/12/2019
**Signature of Reporting Person	Date

Explanation of Responses:

***** 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).

(1) Of the shares held as of June 1, 2018, 31,286 were issuable on vesting of restricted stock units granted to the executive under the 2012 Equity Incentive Plan and are subject to forfeiture.

(2) The original Form 4, filed on June 1, 2018, is being amended by this Form 4 amendment solely to correct an administrative error, which misreported a sale that occurred on June 1, 2018 as a total of 1,154 shares sold when in fact 1,554 shares of the Issuer's common stock were sold. As a result of this administrative error, the number of shares beneficially owned by the reporting person following the

corrected transaction reflects a reduction of 400 shares.

(3) These options will vest as to 20% of the unvested shares each of October 15,2018, January 15,2019, April 15,2019 and July 15,2019 if the executive remains in the service of the Company on such vesting date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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