FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
hours per response:	0.5								

	Check this box if no longer subjec
$\neg$	to Section 16. Form 4 or Form 5
_	obligations may continue. See
	Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name a	2. Issuer Name and Ticker or Trading Symbol AXCELIS TECHNOLOGIES INC [ ACLS ]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  Officer (give title Other (specify									
(Last)	3. Date of Earliest Transaction (Month/Day/Year) 08/07/2023									below) EVP, Corporate Mktg & Strategy									
108 CHI	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)									
(Street) BEVERLY MA 01915														X Form filed by One Reporting Person  Form filed by More than One Reporting  Person					
(City) (State) (Zip)						Rule 10b5-1(c) Transaction Indication													
						Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.										ended to			
		Table	I - No	n-Deriva	tive S	ecui	rities	Acc	uired,	Dis	posed of	f, or I	3enefi	cially	y Owr	ned			
1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/					Year) if	eemed ution Date, th/Day/Year)		3. Transaction Code (Instr. 8)  4. Securities Acquidisposed Of (D) (I			Acquired (A) or (D) (Instr. 3, 4 and		5. Amo Securi Benefi Owned Follow	icially d	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code	v	Amount	(A) (D)	Price	ce Tra		eported ansaction(s) nstr. 3 and 4)				
Common	)23			S		375	D	\$17	7.45		3,342(1)		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)	vative Conversion Date Execution Date, irity or Exercise (Month/Day/Year) if any			4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)					7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4				9. Number derivative Securities Beneficial! Owned Following Reported Transactio (Instr. 4)	Ov Fo Dir or (I)	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	or Number of Shares						

## Explanation of Responses:

1. Of the shares held as of August 7, 2023, 15,838 were issuable on vesting of restricted stock units granted to the director under the 2012 Equity Incentive Plan and are subject to forfeiture.

## Remarks:

Lynnette C. Fallon, as attorney in fact for Douglas 08/07/2023
A. Lawson

Date

\*\* Signature of Reporting Person

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

- $^{\star}$  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.