FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL									
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	Check this box if no longer subject
١	to Section 16. Form 4 or Form 5
J	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 and Address of Reporting Person* BREWER KEVIN J					2. Issuer Name and Ticker or Trading Symbol AXCELIS TECHNOLOGIES INC [ACLS]										k all app Direc	olicable)		erson(s) to I 10% Ov Other (s	vner	
(Last)	`	(First) (Middle) IS TECHNOLOGIES, INC.				3. Date of Earliest Transaction (Month/Day/Year) 05/11/2023									belov			below)		
108 CHERRY HILL DRIVE					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)	(St	ate) (Z	Zip)		Rule 10b5-1(c) Transaction Indicat								on							
						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	quired,	Dis	posed of	f, or I	3enefi	cially	y Owr	ned				
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/					Year) if	xecu f any	eemed tion Date, h/Day/Year)		3. Transaction Code (Instr. 8) 4. Securities Acqu Disposed Of (D) (In					5. Amount of Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code	v	Amount	(A) (D)	Price			orted saction(s) r. 3 and 4)				
Common Stock 05/11/20)23				S		10,546	D	\$12	5.06	36,277 ⁽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, urity 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)		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4				9. Number derivative Securities Beneficially Owned Following Reported Transactio (Instr. 4)	Ov Fo Dii 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 Exercis	able	Expiration Date	Title	Amount or Number of Shares							

Explanation of Responses:

1. Of the shares held as of May 11, 2023, 29,772 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 Kevin J.

05/11/2023

<u>Brewer</u>

** Signature of Reporting Person Date

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

- * 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.