## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D C	205/19
vvasilliquui,	D.C.	20049

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
hours nor resnance	0.5								

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* <u>FLETCHER R JOHN</u>					2. I <u>A</u>	2. Issuer Name <b>and</b> Ticker or Trading Symbol  AXCELIS TECHNOLOGIES INC [ ACLS ]								Relationship ( leck all applic X Directo	cable)	g Person(s) to	Issuer Owner
(Last) (First) (Middle) 108 CHERRY HILL DRIVE						3. Date of Earliest Transaction (Month/Day/Year) 03/13/2019								Officer below)	(give title	Oth belo	er (specify w)
(Street) BEVERI			01915		4.1	If Ame	endme	nt, Date o	of Origina	l Filed	d (Month/Da	Line	ndividual or Joint/Group Filing (Check Applicable e)  X Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(5		(Zip) 	n-Deri	ivativ	e Se	curit	ties Ac	guired	. Dis	sposed o	f. or Be	neficial	ly Owned			
1. Title of Security (Instr. 3) 2. Trai			2. Trans	action	2 ar) if	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4		d (A) or	5. Amou Securitie Benefici Owned I	nt of 6.es For ally (I) d tion(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect t Beneficial Ownership	
									Code	v	Amount	(A) or (D)	Price		Reporte Transac (Instr. 3		(Instr. 4)
Common	Stock			03/1	3/2019				М		12,500	A	\$1.76	5 58	,372	D	
Common	Stock			03/1	3/2019				S		12,500	D	\$20.26	26 <sup>(1)</sup> 45,872			
Common	Stock			03/1	3/2019				M		10,000	A	\$3.72	\$3.72 55,872 D			
Common Stock 03/13				3/2019	2019			S		10,000	D	\$20.27	(2) 45	,872	D		
		٦	Fable II -								osed of, convertil			Owned			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date Execution (Month/Day/Year) (Month/Day/Obay/Year) (Month/Day/Obay/Year)		Date,	4. Transactio Code (Inst		5. Number on of		6. Date Exercisable a Expiration Date (Month/Day/Year)		te	d 7. Title and Amou of Securities Underlying Derivative Securi (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirect (I) (Instr.	Beneficial Ownership ect (Instr. 4)
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	Amount or Number of Shares				
Stock option (right to buy)	\$1.76	03/13/2019			M			12,500	01/04/20	)10	07/15/2019	Common Stock	12,500	\$0.00	0	D	
Stock option (right to	\$3.72	03/13/2019			M			10,000	01/13/20	013	07/16/2019	Common Stock	10,000	\$0.00	0	D	

# **Explanation of Responses:**

- 1. The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$20.25 to \$20.36, inclusive. The reporting person undertakes to provide to Axcelis Technologies, Inc., any security holder of Axcelis Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.
- 2. The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$20.25 to \$20.34, inclusive. The reporting person undertakes to provide to Axcelis Technologies, Inc., any security holder of Axcelis Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.

#### Remarks:

Lynnette C. Fallon, as attorney in fact for R. John Fletcher

\*\* Signature of Reporting Person

03/13/2019

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.