## SEC Form 4

 $\square$ 

# FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Chec	k this box if no longer subject to
Section	on 16. Form 4 or Form 5
obliga	ations may continue. See
Instru	ction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

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

			01 360		vesiment con	pany Act of 1940							
1. Name and Add	ress of Reporting F	Person*		2. Issuer Name <b>and</b> Ticker or Trading Symbol <u>AXCELIS TECHNOLOGIES INC</u> [ ACLS ]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
FLEICHEI	<u>X K JUHN</u>						X	Director	10% 0	Dwner			
(Last) 108 CHERRY	(First) HILL DRIVE	(Middle)	3. Date 07/15/	e of Earliest Transad /2009	ction (Month/D	ay/Year)		Officer (give title below)	Other below	(specify )			
			4. If An	nendment, Date of	Original Filed	Month/Day/Year)	6. Indiv	ridual or Joint/Group	Filing (Check A	pplicable			
(Street)							Line)						
BEVERLY	МА	01915						Form filed by One	e Reporting Pers	son			
·								Form filed by Mor Person	re than One Rep	orting			
(City)	(State)	(Zip)											
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned												
4 Title - ( 0	t ()		0 Turner etien	0.0 December		A Generalities Associated (A)		E Americant of	6 Oursehin	7. 1			

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Transaction Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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) or (D)	Price	<ul> <li>Reported Transaction(s) (Instr. 3 and 4)</li> </ul>		(1130.4)

### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

(eigi, pars, varians, opnoris, conventible 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. Transa Code ( 8)		of		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	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	Amount or Number of Shares				
Stock option (right to buy)	\$0.44	07/15/2009		A <sup>(1)</sup>		50,000		01/14/2010	07/15/2019	Common Stock	50,000	\$0	50,000	D	

Explanation of Responses:

1. Granted Pursuant to the Axcelis Technologies, Inc. 2000 Stock Plan.

Lynnette C. Fallon, as attorneyin-fact for R. John Fletcher

07/16/2009

\*\* 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.