SEC Form 4

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject 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

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le				or Sec	tion 30(h) of the In	vestme	nt Con	npany Act of 1	1940						
1. Name and Address of Reporting Person* BASSETT STEPHEN G				2. Issuer Name and Ticker or Trading Symbol <u>AXCELIS TECHNOLOGIES INC</u> [ACLS]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner				
(Last) 108 CHERRY	(First) HILL DRIVE	(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 12/27/2004							X Officer (give title Other (specify below) Sr. VP and CFO				
(Street) BEVERLY (City)	MA (State)	01915 (Zip)		4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Indiv Line) X					
		Table I - No	n-Deriva	ative S	ecurities Acq	uired,	Dis	posed of,	or Ben	eficially	Owned				
Date			2. Transad Date (Month/Da		2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Disposed Of 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership		
						Code V		Amount (A) or (D) P		Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)															

(*3);;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;															
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)				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)	\$7.99	12/27/2004		A ⁽¹⁾		25,000		06/25/2008 ⁽²⁾	06/25/2014	Common Stock	25,000	\$0.00	25,000	D	

Explanation of Responses:

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

2. Excercisable as to 25% of the total shares on each of 6/25/2005, 6/25/2006, 6/25/2007 and 6/25/2008.

Lynnette C. Fallon, as attorney-12/27/2004

** Signature of Reporting Person Date

in-fact for Stephen G. Bassett

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.