FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	$D \subset$	20549	
vasilligion,	D.C.	20349	

Check this box if no longer subject
to Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(h)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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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. This forfeiture of shares for tax withholding purposes relates to the vesting on February 28, 2021 of the remainder of performance based restricted stock units granted to the executive in May 2019. These shares were determined to be earned by the executive pursuant to a resolution of the Axcelis Technologies, Inc. Compensation Committee on February 12, 2020, and half of the earned shares vested on February 28, 2020. As agreed with the executive, the shares issued to the executive on the vested shares were reduced by a number of shares having a value equal to the executive's tax withholding obligation with respect to the vested shares.
- 2. These shares were withheld by the Company to cover the tax withholding obligations of the executive on the vesting of restricted stock units on February 28, 2021.
- 3. Of the shares beneficially owned by the executive on February 28, 2021 after the vesting of the 2019 performance based restricted stock units, 41,682 shares were issuable on vesting of restricted stock units which are subject to forfeiture. This number includes 6,308 shares issuable under the executive's 2020 performance based restricted stock units, which also vested on February 28, 2021.
- 4. This forfeiture of shares for tax withholding purposes relates to the vesting on February 28, 2021 of the first half of shares earned under performance based restricted stock units granted to the executive in May 2020. These shares were determined to be earned by the executive pursuant to a resolution of the Axcelis Technologies, Inc. Compensation Committee on February 8, 2021. The second half of the shares earned under this restricted stock unit award will vest on February 28, 2022, assuming continuation of the executive's services. As agreed with the executive, the shares issued to the executive on the vested shares were reduced by a number of shares having a value equal to the executive's tax withholding obligation with respect to the vested shares.
- 5. Of the shares beneficially owned by the executive on February 28, 2021 after the vesting of shares issued on both the 2019 performance based restricted stock units and the 2020 performance based restricted stock units, 35,374 shares were issuable on vesting of restricted stock units which are subject to forfeiture.

Remarks:

Lynnette C. Fallon, as attorney 03/02/2021 in fact for Russell J. Low

** Signature of Reporting Person

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.

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