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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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>MIRRO JUSTIN E</u> (Last) (First) (Middle) <u>1433 OLD COUNTRY ROAD, SUITE 301</u> (Street) <u>WESTBURY NY 11590</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Amprius Technologies, Inc. [AMPX]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>06/09/2023</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
	Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> 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.	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common stock	06/09/2023		A		17,895 ⁽¹⁾	A	\$0	17,895 ⁽²⁾	D	
Common stock								2,608,142	I	See footnote ⁽³⁾
Common stock								1,000,000	I	See footnote ⁽⁴⁾
Common stock								1,000,000	I	See footnote ⁽⁵⁾

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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	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)	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		Date Exercisable	Expiration Date					

Explanation of Responses:

- The securities are represented by restricted stock units. Each restricted stock unit represents the reporting person's right to receive one share of issuer's common stock. 100% of the restricted stock units vest on the earlier of (i) the one-year anniversary of the date the restricted stock units were granted and (ii) the day before the next annual meeting of stockholders, subject to the reporting person's continued service as of the vesting date.
- Includes 17,895 restricted stock units, each of which represents a contingent right to receive one share of the issuer's common stock, subject to the applicable vesting schedule and conditions of each restricted stock unit.
- The securities are owned by Kensington Capital Partners, LLC, of which the reporting person is the managing member. The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.
- The shares are owned by Elizabeth Mirro as trustee of the Kensington Capital Trust dated 6/27/20. Elizabeth Mirro is the reporting person's spouse. The reporting person disclaims beneficial ownership of these securities.
- The shares are owned by the reporting person as trustee of the Justin E. Mirro 2020 Qualified Annuity Trust dated 6/27/20. The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein.

Remarks:

Exhibit 24 - Power of Attorney

/s/ Sandra Wallach, attorney-in-fact on behalf of Justin Mirro 06/12/2023

** 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.

LIMITED POWER OF ATTORNEY

The undersigned, as a Section 16 reporting person of Amprius Technologies, Inc. (the "Company"), hereby constitutes and appoints Kang Sun, Sandra Wallach, Michael J. Danaher and Mark B. Baudler,

1. complete and execute Forms 3, 4 and 5 and other forms and all amendments thereto as such attorneys-in-fact shall in their discretion determine to be required or advisable pursuant to Sectio

2. do all acts necessary in order to file such forms with the Securities and Exchange Commission, any securities exchange or national association, the Company and such other person or agency a

The undersigned hereby ratifies and confirms all that said attorneys-in-fact and shall do or cause to be done by virtue hereof. The undersigned acknowledges that the foregoing attorneys-in-fact,

This Limited Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transac

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 12th day of June, 2023.

Signature: /s/ Justin Mirro

Print Name: Justin Mirro