

| OMB APPROVAL                                 |           |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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

|  |  |  |
|--|--|--|
| 1. Name and Address of Reporting Person*<br><u>EICHLER KEVIN C</u><br><br>(Last) (First) (Middle)<br>3101 JAY STREET<br><br>(Street)<br>SANTA CLARA CA 95054<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>AMBARELLA INC [ AMBA ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br>CFO |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br>03/25/2020               |  |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |  |

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 |   |  |   |

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 | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| Performance Stock Units                    | (1)  | 03/25/2020                           |  | A                              |   | 14,320   |     | (2)  | (2)             | Ordinary Shares   | 14,320                                     | \$0.0  | 14,320  | D  |       |
| Restricted Stock Units                     | (1)  | 03/25/2020                           |  | A                              |   | 14,320   |     | (3)  | (3)             | Ordinary Shares   | 14,320                                     | \$0.0  | 14,320  | D  |       |

Explanation of Responses:

- Each restricted stock unit represents a contingent right to receive one share of Ambarella, Inc. Ordinary Shares.
- Reporting person was granted an award of performance-based RSUs covering a target of 14,320 ordinary shares (the "Target RSU Number"). Pursuant to time-based vesting requirements, 100% of this award is scheduled to vest on March 15, 2023, subject to continued service requirements through such date. In addition, the number of shares subject to the RSUs may be increased or decreased by up to 100% of the Target RSU Number or may remain the same, based on attainment of specified levels of the Company's total stockholder return over the period of February 1, 2020 through January 31, 2023.
- The restricted stock units vest at the rate of 1/12 per quarter commencing on March 15, 2020.

By: /s/ Michael Morehead,  
Attorney-in-Fact For: Kevin C. Eichler 03/27/2020

\*\* 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.