

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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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. Name and Address of Reporting Person*<br><u>PAISLEY CHRISTOPHER B</u> | 2. Date of Event Requiring Statement (Month/Day/Year)<br>10/09/2012 | 3. Issuer Name and Ticker or Trading Symbol<br><u>AMBARELLA INC [ AMBA ]</u>  |   |
|  |   | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director<br>Officer (give title below) | 5. If Amendment, Date of Original Filed (Month/Day/Year)<br><br>6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |
| (Last) (First) (Middle)<br>2975 SAN YSIDRO WAY                           |   | 10% Owner   |   |
| (Street)<br>SANTA CLARA  | CA  | Other (specify below)   |   |
| (City) (State) (Zip)<br>95051  |   |   |   |

## Table I - Non-Derivative Securities Beneficially Owned

|                                 |   |  |   |
|---------------------------------|---|--|---|
| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) |                            | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-----------------|---|----------------------------|--|--|---|
|  | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |   |
| Stock Option (right to buy)                | (1)  | 10/09/2022      | Ordinary Shares   | 26,667                     | 6  | D  |   |

## Explanation of Responses:

1. Shares subject to the option vest monthly over four years beginning on August 20, 2012.

Michael Morehead, by Power 10/09/2012  
of Attorney

\*\* 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 5 (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.