AMBARELLA INC Form SC 13G/A February 14, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b)

(Amendment No. 1)*

Ambarella, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

G037AX101

(CUSIP Number)

December 31, 2013

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- o Rule 13d-1(c)
- x Rule 13d-1(d)

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

^{*}The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

Sole Dispositive Power

Shared Dispositive Power

0 shares

705,011 shares of Common Stock (2)

13 G

| Names of Reporting Persons. | | | |
|---------------------------------------|---|--|--|
| Pacven Walden Ve | entures V, L.P. | | |
| Check the Appropr | riate Box if a Memb | per of a Group* | |
| (a) | 0 | | |
| (b) | x (1) | | |
| SEC Use Only | | | |
| Citizenship or Plac Cayman Islands | ce of Organization | | |
| 5 | | Sole Voting Power 705,011 shares of Common Stock (2) | |
| | | 703,011 shares of Common Stock (2) | |
| 6 | | Shared Voting Power 0 shares | |
| | Pacven Walden Von Check the Appropriate (a) (b) SEC Use Only Citizenship or Plac Cayman Islands | Pacven Walden Ventures V, L.P. Check the Appropriate Box if a Member (a) o (b) x (1) SEC Use Only Citizenship or Place of Organization Cayman Islands | |

9 Aggregate Amount Beneficially Owned by Each Reporting Person 705,011 shares of Common Stock (2)

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o

Percent of Class Represented by Amount in Row 9 2.5% (3)

Type of Reporting Person*

8

CUSIP No. G037AX101

Each

Reporting

Person With

C D

⁽¹⁾ This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ The shares are held by Pacven V. Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V) is the general partner of Pacven V. Lip-Bu Tan is the sole director of Pacven Walden Management V Co. Ltd. and he shares voting and dispositive power of the shares held by Pacven V and Affiliated Funds with other members of the investment committee, who are Hock Voon Loo, Brian Chiang, and Andrew Kau. Pacven Mgmnt V and the Reporting Persons disclaims beneficial ownership of the shares, except to the extent of its pecuniary interests therein.

⁽³⁾ Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

| CUSIP No. G037A | AX101 | 13 G |
|-----------------|--|------|
| 1 | Names of Reporting Persons. Pacven Walden Ventures Parallel V-A C.V. | |
| 2 | Check the Appropriate Box if a Member of a Group* | |

x(1)

3 SEC Use Only

(a) (b)

4 Citizenship or Place of Organization Netherlands

| | 5 | Sole Voting Power 16,222 shares of Common Stock (2) |
|--------------|---|--|
| Number of | | |
| Shares | 6 | Shared Voting Power |
| Beneficially | | 0 shares |
| Owned by | | |
| Each | 7 | Sole Dispositive Power |
| Reporting | | 16,222 shares of Common Stock (2) |
| Person With | | |
| | 8 | Shared Dispositive Power |
| | | 0 shares |

- 9 Aggregate Amount Beneficially Owned by Each Reporting Person 16,222 shares of Common Stock (2)
- 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o
- Percent of Class Represented by Amount in Row 9 0.1% (3)
- 12 Type of Reporting Person* PN

⁽¹⁾ This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ The shares are held by Pacven Parallel V-A. Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V) is the general partner of Pacven Parallel V-A. Pacven Mgmnt V holds voting and dispositive power of the shares held by Pacven Parallel V-A, however, disclaims beneficial ownership of the shares, except to the extent of its pecuniary interests therein.

⁽³⁾ Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

CUSIP No. G037AX101 13 G

1 Names of Reporting Persons
Pacven Walden Ventures Parallel V-B C.V.

2 Check the Appropriate Box if a Member of a Group*

(a) o (b) x (1)

- 3 SEC Use Only
- 4 Citizenship or Place of Organization Netherlands

| | 5 | Sole Voting Power 16,222 shares of Common Stock (2) |
|--------------|---|--|
| Number of | | (-) |
| Shares | 6 | Shared Voting Power |
| Beneficially | | 0 shares |
| Owned by | | |
| Each | 7 | Sole Dispositive Power |
| Reporting | | 16,222 shares of Common Stock (2) |
| Person With | | |
| | 8 | Shared Dispositive Power |
| | | 0 shares |

- 9 Aggregate Amount Beneficially Owned by Each Reporting Person 16,222 shares of Common Stock (2)
- 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o
- Percent of Class Represented by Amount in Row 90 0.1% (3)
- Type of Reporting Person*

⁽¹⁾ This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ The shares are held by Pacven Parallel V-B. Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V) is the general partner of Pacven Parallel V-B. Pacven Mgmnt V holds voting and dispositive power of the shares held by Pacven Parallel V-B, however, disclaims beneficial ownership of the shares, except to the extent of its pecuniary interests therein.

⁽³⁾ Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

CUSIP No. G037AX101 13 G

| 1 | Names of Reporting Persons Pacven Walden Ventures V Associates Fund, L.P. | | | | |
|---|--|----------------|---|--|--|
| 2 | Check the Appropriate Box if a Member of a Group* | | | | |
| | (a) (b) | o x (1) | | | |
| 3 | SEC Use Only | | | | |
| 4 | Citizenship or Place of Cayman Islands | f Organization | | | |
| | 5 | | Sole Voting Power 2,446 shares of Common stock (2) | | |
| Number of Shares Beneficially Owned by Each Reporting Person With | 6 | | Shared Voting Power 0 shares | | |
| | 7 | | Sole Dispositive Power 2,446 shares of Common stock (2) | | |
| | 8 | | Shared Dispositive Power 0 shares | | |
| 9 | Aggregate Amount Be 2,446 shares of Comm | | d by Each Reporting Person | | |

- 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o
- 11 Percent of Class Represented by Amount in Row 9 0.0%(3)
- 12 Type of Reporting Person*

This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven (1) Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

- The shares are held by Pacven Associates V. Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V) is the general partner of (2) Pacven Associates V. Pacven Mgmnt V holds voting and dispositive power of the shares held by Pacven Associates V, however, disclaims beneficial ownership of the shares, except to the extent of its pecuniary interests therein.
- (3) Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

CUSIP No. G037AX101 13 G

| 1 | Names of Reporting Persons |
|---|---|
| | Pacven Walden Ventures V-QP Associates Fund, L.P. |
| 2 | |
| 2 | Check the Appropriate Box if a Member of a Group* |

(a) o (b) x (1)

3 SEC Use Only

4 Citizenship or Place of Organization Cayman Islands

| | 5 | Sole Voting Power 13,287 shares of Common stock (2) |
|--------------|---|--|
| Number of | | , |
| Shares | 6 | Shared Voting Power |
| Beneficially | | 0 shares |
| Owned by | | |
| Each | 7 | Sole Dispositive Power |
| Reporting | | 13,287 shares of Common stock (2) |
| Person With | | |
| | 8 | Shared Dispositive Power 0 shares |

- 9 Aggregate Amount Beneficially Owned by Each Reporting Person 13,287 shares of Common stock (2)
- 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o
- Percent of Class Represented by Amount in Row 9 0.0% (3)
- Type of Reporting Person*

This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ The shares are held by Pacven Associates V-QP. Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V) is the general partner of Pacven Associates V-QP. Pacven Mgmnt V holds voting and dispositive power of the shares held by Pacven Associates V-QP, however, disclaims beneficial ownership of the shares, except to the extent of its pecuniary interests therein.

⁽³⁾ Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

13 G

1 Names of Reporting Persons Lip-Bu Tan 2 Check the Appropriate Box if a Member of a Group* (b) x(1)3 SEC Use Only 4 Citizenship or Place of Organization United States of America 5 Sole Voting Power 26,032 shares (3) Number of Shares 6 Shared Voting Power Beneficially 753,188 shares of Common Stock (2) Owned by Each 7 Sole Dispositive Power Reporting 26,032 shares (3) Person With 8 Shared Dispositive Power 753,188 shares of Common Stock (2) 9 Aggregate Amount Beneficially Owned by Each Reporting Person 779,220 shares of Common Stock 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o 11 Percent of Class Represented by Amount in Row 9

CUSIP No. G037AX101

12

Type of Reporting Person*

This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

⁽²⁾ Includes: (i) 705,011 shares held by Pacven V, (ii) 16,222 shares held by Pacven Parallel V-A, (iii) 16,222 shares held by Pacven Parallel V-B, (iv) 2,446 shares held by Pacven Associates V, and (v) 13,287 shares held by Pacven Associates V-QP. The reporting person is the sole director and a member of the Investment Committee of Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V). Pacven Mgmnt V is the general partner of Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V-QP and Pacven Associates V. The reporting person disclaims beneficial ownership of these partnerships shares except as to the reporting person s pecuniary interest in the partnerships.

- (3) Includes (i) 3,348 shares of common stock held by Lip-Bu Tan and Ysa Loo Trust of which the Reporting Person is a co-trustee; (ii) 1,389 shares of common stock held by the reporting person, and (iii) options to purchase 27,777 shares of common stock, of which 21,295 shares are exercisable and included above.
- (4) Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

CUSIP No. G037AX101 13 G

| 1 | Names of Reporting Persons Andrew Kau | | | |
|---|--|--------------------------------|---|--|
| 2 | Check the Appropriat (a) (b) | te Box if a Meml o x (1) | per of a Group* | |
| 3 | SEC Use Only | | | |
| 4 | Citizenship or Place of United States of Ame | - | | |
| Number of | 5 | | Sole Voting Power 0 shares | |
| Shares Beneficially Owned by Each Reporting Person With | 6 | | Shared Voting Power 753,188 shares of Common Stock (2) | |
| | 7 | | Sole Dispositive Power 0 shares | |
| | 8 | | Shared Dispositive Power 753,188 shares of Common Stock (2) | |
| 9 | Aggregate Amount B 753,188 shares of Co. | | ed by Each Reporting Person | |
| 10 | Check Box if the Agg | gregate Amount | in Row (9) Excludes Certain Shares* o | |
| 11 | Percent of Class Repr 2.7% (3) | resented by Amo | ount in Row 9 | |
| 12 | Type of Reporting Pe | erson* | | |

This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

Includes: (i) 705,011 shares held by Pacven V, (ii) 16,222 shares held by Pacven Parallel V-A, (iii) 16,222 shares held by (2) Pacven Parallel V-B, (iv) 2,446 shares held by Pacven Associates V, and (v) 13,287 shares held by Pacven Associates V-QP. The Reporting Person is a member of the Investment Committee of Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V). Pacven Mgmnt V is the general partner of Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V-QP and Pacven Associates V. The reporting person disclaims beneficial ownership of these partnerships shares except as to the reporting person s pecuniary interest in the partnerships.

(3) Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

CUSIP No. G037AX101 13 G

| 1 | Names of Reporting Persons Hock Voon Loo | | | |
|---|--|-----------------------------|---|--|
| 2 | Check the Appropriate (a) (b) | Box if a Memb o x (1) | er of a Group* | |
| 3 | SEC Use Only | | | |
| 4 | Citizenship or Place of United States of Amer | | | |
| Number of | 5 | | Sole Voting Power 0 shares | |
| Shares Beneficially Owned by Each Reporting Person With | 6 | | Shared Voting Power 753,188 shares of Common Stock (2) | |
| | 7 | | Sole Dispositive Power 0 shares | |
| | 8 | | Shared Dispositive Power 753,188 shares of Common Stock (2) | |
| 9 | Aggregate Amount Be 753,188 shares of Con | - | d by Each Reporting Person | |
| 10 | Check Box if the Aggr | regate Amount in | n Row (9) Excludes Certain Shares* o | |
| 11 | Percent of Class Repre 2.7% (3) | esented by Amou | unt in Row 9 | |
| 12 | Type of Reporting Per | son* | | |

IN

This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

Includes: (i) 705,011 shares held by Pacven V, (ii) 16,222 shares held by Pacven Parallel V-A, (iii) 16,222 shares held by Pacven Parallel V-B, (iv) 2,446 shares held by Pacven Associates V, and (v) 13,287 shares held by Pacven Associates V-QP. The Reporting Person is a member of the Investment Committee of Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V). Pacven Mgmnt V is the general partner of Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V-QP and Pacven Associates V. The reporting person disclaims beneficial ownership of these partnerships shares except as to the reporting person s pecuniary interest in the partnerships.

(3) Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

CUSIP No. G037AX101 13 G

| 1 | Names of Reporting Persons |
|---|----------------------------|
| | Brian Chiang |

- 2 Check the Appropriate Box if a Member of a Group*
 - (a) o (b) x (1)
- 3 SEC Use Only
- 4 Citizenship or Place of Organization
 United States of America

| | 5 | Sole Voting Power |
|--------------|---|------------------------------------|
| | | 0 shares |
| Number of | | |
| Shares | 6 | Shared Voting Power |
| Beneficially | | 753,188 shares of Common Stock (2) |
| Owned by | | |
| Each | 7 | Sole Dispositive Power |
| Reporting | | 0 shares |
| Person With | | |
| | 8 | Shared Dispositive Power |
| | | 753,188 shares of Common Stock (2) |

- 9 Aggregate Amount Beneficially Owned by Each Reporting Person 753,188 shares of Common Stock (2)
- 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* o
- Percent of Class Represented by Amount in Row 9 2.7% (3)
- Type of Reporting Person*
 IN

This Schedule 13G is filed by Pacven Walden Ventures V, L.P. (Pacven V), Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A), Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B), Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V), Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP), Lip-Bu Tan (Tan), Andrew Kau (Kau), Hock Voon Loo (Loo), and Brian Chiang (Chiang and together with Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V, Pacven Associates V-QP, Tan, Kau, Loo and Chiang, collectively, the Reporting Persons). The Reporting Persons expressly disclaim status as a group for purposes of this Schedule 13G.

Includes: (i) 705,011 shares held by Pacven V, (ii) 16,222 shares held by Pacven Parallel V-A, (iii) 16,222 shares held by Pacven Parallel V-B, (iv) 2,446 shares held by Pacven Associates V, and (v) 13,287 shares held by Pacven Associates V-QP. The Reporting Person is a member of the Investment Committee of Pacven Walden Management V Co. Ltd. (Pacven Mgmnt V). Pacven Mgmnt V is the general partner of Pacven V, Pacven Parallel V-A, Pacven Parallel V-B, Pacven Associates V-QP and Pacven Associates V. The reporting person disclaims beneficial ownership of these partnerships shares except as to the reporting person s pecuniary interest in the partnerships.

(3) Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013 as set forth in the Issuer s most recent 10-Q filed with the Securities and Exchange Commission on December 12, 2013.

Introductory Note: This Statement on Schedule 13G is filed on behalf of the Reporting Persons, in respect of shares of Common Stock, par value 0.00045 per share (Common Stock), of Ambarella, Inc. (the Issuer).

Item 1 Name of Issuer: (a) Ambarella, Inc. Address of Issuer s Principal Executive Offices: 2975 San Ysidro Way Santa Clara, California Item 2 (a) Name of Person(s) Filing: Pacven Walden Ventures V, L.P. (Pacven V) Pacven Walden Ventures Parallel V-A C.V. (Pacven Parallel V-A) Pacven Walden Ventures Parallel V-B C.V. (Pacven Parallel V-B) Pacven Walden Ventures V Associates Fund, L.P. (Pacven Associates V) Pacven Walden Ventures V-QP Associates Fund, L.P. (Pacven Associates V-QP) Lip-Bu Tan (Tan) Andrew Kau (Kau) Hock Voon Loo (Loo) Brian Chiang (Chiang) (b) Address of Principal Business Office: One California Street, Suite 2800 San Francisco, CA 94111 (b) Citizenship: Pacven V **Entities:** Cayman Islands Pacven Parallel V-A Netherlands Pacven Parallel V-B Netherlands Pacven Associates V -Cayman Islands Pacven Associates Cayman Islands V-QP Individuals: Tan United States of America Kau United States of America Loo Singapore United States of America Chiang Title of Class of Securities: (d) Common Stock **CUSIP Number:** (e) G037AX101

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Item 3

Not applicable.

Item 4 Ownership.

The following information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2013:

| Reporting Persons | Shares Held Directly | Sole Voting Power | Shared Voting Power | Sole Dispositive Power | Shared Dispositive Power | Beneficial Ownership | Percentage of Class (1) |
|------------------------|-------------------------|----------------------|---------------------------|------------------------------|--------------------------------|-------------------------|-------------------------|
| Pacven V | 705,011 | 705,011 | 0 | 705,011 | 0 | 705,011 | 2.5% |
| Pacven Parallel V-A | 16,222 | 16,222 | 0 | 16,222 | 0 | 16,222 | 0.1% |
| Pacven Parallel V-B | 16,222 | 16,222 | 0 | 16,222 | 0 | 16,222 | 0.1% |
| Pacven Associates V | 2,446 | 2,446 | 0 | 2,446 | 0 | 2,446 | 0.0% |
| Pacven Associates V-QP | 13,287 | 13,287 | 0 | 13,287 | 0 | 13,287 | 0.0% |
| Tan | 26,032 | 26,032 | 753,188 | 26,032 | 753,188 | 779,220 | 2.8% |
| Kau | 0 | 0 | 753,188 | 0 | 753,188 | 753,188 | 2.7% |
| Loo | 0 | 0 | 753,188 | 0 | 753,188 | 753,188 | 2.7% |
| Chiang | 0 | 0 | 753,188 | 0 | 753,188 | 753,188 | 2.7% |

⁽¹⁾ Percent of class is based on 28,212,643 shares of Common Stock outstanding as of October 31, 2013.

Item 5 Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof, the reporting persons have ceased to be the beneficial owner of more than five percent of the class of securities, check the following: x

| Item 6 | Ownership of More than Five Percent on Behalf of Another Person. Not applicable. |
|---------|---|
| Item 7 | Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company. Not applicable. |
| Item 8 | Identification and Classification of Members of the Group. Not applicable. |
| Item 9 | Notice of Dissolution of Group. Not applicable. |
| Item 10 | Certification. Not applicable. |

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2014

Pacven Walden Ventures V, L.P.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan
Name: Lip-Bu Tan, Director

Pacven Walden Ventures Parallel V-A C.V.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan
Name: Lip-Bu Tan, Director

Pacven Walden Ventures Parallel V-B C.V.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan Name: Lip-Bu Tan, Director

Pacven Walden Ventures V Associates Fund, L.P.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan
Name: Lip-Bu Tan, Director

Pacven Walden Ventures V-QP Associates Fund, L.P.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan
Name: Lip-Bu Tan, Director

/s/ Lip-Bu Tan

Lip-Bu Tan

/s/ Andrew Kan

Andrew Kau

/s/ Hock Voon Loo

Hock Voon Loo

/s/ Brian Chiang

Brian Chiang

| Exhibit(s): | | |
|----------------------------|--|--|
| A - Joint Filing Statement | | |

EXHIBIT A

JOINT FILING STATEMENT

We, the undersigned, hereby express our agreement that the attached Schedule 13G (or any amendments thereto) relating to the Common Stock of Ambarella, Inc. is filed on behalf of each of us.

Dated: February 14, 2014

Pacven Walden Ventures V, L.P.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan Name: Lip-Bu Tan, Director

Pacven Walden Ventures Parallel V-A C.V.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan Name: Lip-Bu Tan, Director

Pacven Walden Ventures Parallel V-B C.V.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan Name: Lip-Bu Tan, Director

Pacven Walden Ventures V Associates Fund, L.P.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan
Name: Lip-Bu Tan, Director

Pacven Walden Ventures V-QP Associates Fund, L.P.

By: Pacven Walden Management V Co. Ltd

Its: General Partner

By: /s/ Lip-Bu Tan Name: Lip-Bu Tan, Director

/s/ Lip-Bu Tan

Lip-Bu Tan

/s/ Andrew Kan

Andrew Kau

/s/ Hock Voon Loo

Hock Voon Loo

/s/ Brian Chiang

Brian Chiang