
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

SCHEDULE 13G

**Under the Securities Exchange Act of 1934
(Amendment No. 2)***

Restoration Robotics, Inc.
(Name of Issuer)

Common Stock, \$0.0001 par value per share
(Title of Class of Securities)

76133C 103
(CUSIP Number)

February 7, 2019
(Date of Event Which Requires Filing of this Statement)

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

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

* 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 the disclosures provided in a prior cover page.

The information required in 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)

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Clarus Lifesciences II, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 1,711,924
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 1,711,924
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,711,924	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Clarus Ventures II GP, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Blackstone Clarus II L.L.C.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Blackstone Holdings II L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Blackstone Holdings I/II GP Inc.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) The Blackstone Group L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Blackstone Group Management L.L.C.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Stephen A. Schwarzman	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION United States Citizen	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	5	SOLE VOTING POWER 0
	6	SHARED VOTING POWER 1,711,924
	7	SOLE DISPOSITIVE POWER 0
	8	SHARED DISPOSITIVE POWER 1,711,924
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 4.2%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

Item 1(a). Name of Issuer:

Restoration Robotics, Inc. (the “Issuer”).

Item 1(b). Address of Issuer’s Principal Executive Offices:

128 Baytech Drive, San Jose, CA 95134.

Item 2(a). Name of Persons Filing:

Clarus Lifesciences II, L.P. (“Clarus II”), Clarus Ventures II GP, L.P. (“Clarus II GP”), Blackstone Clarus II L.L.C., Blackstone Holdings II L.P., Blackstone Holdings I/II GP Inc., The Blackstone Group L.P., Blackstone Group Management L.L.C. and Stephen A. Schwarzman (“Schwarzman”) (each, a “Reporting Person” and collectively, the “Reporting Persons”).

Clarus II GP is the sole general partner of Clarus II. Blackstone Clarus II L.L.C. is the sole general partner of Clarus II GP. Blackstone Holdings II L.P. is the sole member of Blackstone Clarus II L.L.C. Blackstone Group I/II GP Inc. is the sole general partner of Blackstone Holdings II L.P. The Blackstone Group L.P. is the controlling shareholder of Blackstone Group I/II GP Inc. Blackstone Group Management L.L.C. is the sole general partner of The Blackstone Group L.P. Blackstone Group Management L.L.C. is wholly-owned by Blackstone’s senior managing directors and controlled by its founder, Stephen A. Schwarzman.

Item 2(b). Address of Principal Business Office or, if None, Residence:

The address of the principal business office of Clarus II and Clarus II GP is Clarus Ventures, 101 Main Street, Suite 1210, Cambridge, MA 02142.

The address of the principal business office of Blackstone Clarus II L.L.C., Blackstone Holdings II L.P., Blackstone Holdings I/II GP Inc., The Blackstone Group L.P., Blackstone Group Management L.L.C. and Mr. Schwarzman is c/o The Blackstone Group L.P., 345 Park Avenue, New York, NY 10154.

Item 2(c). Citizenship:

Clarus II, Clarus II GP, Blackstone Holdings II L.P. and The Blackstone Group L.P. are limited partnerships organized under the laws of the State of Delaware. Blackstone Clarus II L.L.C. and Blackstone Group Management L.L.C. are limited liability companies organized under the laws of the State of Delaware. Blackstone Holdings I/II GP Inc. is a corporation organized under the laws of the State of Delaware. Mr. Schwarzman is a United States citizen.

Item 2(d). Title of Class of Securities:

Common Stock, \$0.0001 par value per share (“Common Stock”).

Item 2(e). CUSIP Number:

76133C 103

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

Not applicable.

Item 4. Ownership.

(a) Amount Beneficially Owned:

As of February 7, 2019, Clarus II held 1,711,924 shares of Common Stock.

As of January 4, 2019, Clarus II held 2,666,904 shares of Common Stock.

Clarus II GP is the sole general partner of Clarus II. Blackstone Clarus II L.L.C. is the sole general partner of Clarus II GP. The sole member of Blackstone Clarus II L.L.C. is Blackstone Holdings II L.P. The sole general partner of Blackstone Holdings II L.P. is Blackstone Holdings I/II GP Inc. The controlling shareholder of Blackstone Holdings I/II GP Inc. is The Blackstone Group L.P. The sole general partner of The Blackstone Group L.P. is Blackstone Group Management L.L.C. Blackstone Group Management L.L.C. is wholly-owned by Blackstone's senior managing directors and controlled by its founder, Stephen A. Schwarzman.

(b) Percent of Class:

As of February 7, 2019, each of the Reporting Persons may be deemed to be the beneficial owner of the percentage of shares of Common Stock listed on such Reporting Person's cover page. The percentages relating to beneficial ownership of Common Stock are based on 40,676,012 shares of Common Stock reported to be outstanding as of October 23, 2018 as reported in the Issuer's Form 10-Q filed with the Securities and Exchange Commission on November 5, 2018.

(c) Number of shares as to which such person has:

- (i) sole power to vote or to direct the vote:
See each cover page hereof.
- (ii) shared power to vote or to direct the vote:
See each cover page hereof.
- (iii) sole power to dispose or to direct the disposition:
See each cover page hereof.
- (iv) shared power to dispose or to direct the disposition:
See each cover page hereof.

Each such Reporting Person may be deemed to beneficially own the Common Stock beneficially owned by Clarus II, but neither the filing of this Schedule 13G nor any of its contents shall be deemed to constitute an admission that any Reporting Person (other than Clarus II) is the beneficial owner of the Common Stock referred to herein for purposes of Section 13(d) of the Securities Exchange Act of 1934, as amended, or for any other purpose, and each of the Reporting Persons expressly disclaims beneficial ownership of such Common Stock.

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 person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.

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.

By signing below, I certify that to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under §240.14a-11.

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.

Date: February 14, 2019

CLARUS LIFESCIENCES II, L.P.

By: Clarus Ventures II GP, L.P., its general partner

By: Blackstone Clarus II L.L.C., its general partner

By: Blackstone Holdings II L.P., its managing member

By: Blackstone Holdings I/II GP Inc., its general partner

By: /s/ John G. Finley

Name: John G. Finley

Title: Chief Legal Officer

CLARUS VENTURES II GP, L.P.

By: Blackstone Clarus II L.L.C., its general partner

By: Blackstone Holdings II L.P., its managing member

By: Blackstone Holdings I/II GP Inc., its general partner

By: /s/ John G. Finley

Name: John G. Finley

Title: Chief Legal Officer

BLACKSTONE CLARUS II L.L.C.

By: Blackstone Holdings II L.P., its managing member

By: Blackstone Holdings I/II GP Inc., its general partner

By: /s/ John G. Finley

Name: John G. Finley

Title: Chief Legal Officer

BLACKSTONE HOLDINGS II L.P.

By: Blackstone Holdings I/II GP Inc., its general partner

By: /s/ John G. Finley

Name: John G. Finley

Title: Chief Legal Officer

BLACKSTONE HOLDINGS I/II GP INC.

By: /s/ John G. Finley

Name: John G. Finley

Title: Chief Legal Officer

[Restoration Robotics, Inc. - Schedule 13G/A]

THE BLACKSTONE GROUP L.P.

By: Blackstone Group Management L.L.C., its general partner

By: /s/ John G. Finley

Name: John G. Finley

Title: Chief Legal Officer

BLACKSTONE GROUP MANAGEMENT L.L.C.

By: /s/ John G. Finley

Name: John G. Finley

Title: Chief Legal Officer

/s/ Stephen A. Schwarzman

Stephen A. Schwarzman

[Restoration Robotics, Inc. - Schedule 13G/A]