

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

SCHEDULE 13G

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

Restoration Robotics, Inc.

(Name of Issuer)

Common Stock, \$0.0001 par value per share

(Title of Class of Securities)

76133C 103

(CUSIP Number)

October 11, 2017

(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 <div style="text-align: right;">(a) <input type="checkbox"/></div> <div style="text-align: right;">(b) <input type="checkbox"/></div>	
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 shares
	6	SHARED VOTING POWER 3,569,986 shares
	7	SOLE DISPOSITIVE POWER 0 shares
	8	SHARED DISPOSITIVE POWER 3,569,986 shares
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,569,986 shares	
10	CHECK 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) 12.34%	
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 <div style="text-align: right;">(a) <input type="checkbox"/></div> <div style="text-align: right;">(b) <input type="checkbox"/></div>	
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 shares
	6	SHARED VOTING POWER 3,569,986 shares
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9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,569,986 shares	
10	CHECK 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) 12.34%	
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, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP <div style="text-align: right;">(a) <input type="checkbox"/></div> <div style="text-align: right;">(b) <input type="checkbox"/></div>	
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 shares
	6	SHARED VOTING POWER 3,569,986 shares
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10	CHECK 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) 12.34%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Robert Liptak	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP <div style="text-align: right;">(a) <input type="checkbox"/></div> <div style="text-align: right;">(b) <input type="checkbox"/></div>	
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 shares
	6	SHARED VOTING POWER 3,569,986 shares
	7	SOLE DISPOSITIVE POWER 0 shares
	8	SHARED DISPOSITIVE POWER 3,569,986 shares
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,569,986 shares	
10	CHECK 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) 12.34%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Nicholas Simon	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP <div style="text-align: right;">(a) <input type="checkbox"/></div> <div style="text-align: right;">(b) <input type="checkbox"/></div>	
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 shares
	6	SHARED VOTING POWER 3,569,986 shares
	7	SOLE DISPOSITIVE POWER 0 shares
	8	SHARED DISPOSITIVE POWER 3,569,986 shares
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,569,986 shares	
10	CHECK 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) 12.34%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Nicholas Galakatos	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (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 shares
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12.34%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Dennis Henner	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP <div style="text-align: right;">(a) <input type="checkbox"/></div> <div style="text-align: right;">(b) <input type="checkbox"/></div>	
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 shares
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12.34%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Kurt Wheeler	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP <div style="text-align: right;">(a) <input type="checkbox"/></div> <div style="text-align: right;">(b) <input type="checkbox"/></div>	
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 shares
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	7	SOLE DISPOSITIVE POWER 0 shares
	8	SHARED DISPOSITIVE POWER 3,569,986 shares
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11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 12.34%	
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

Item1(a). **Name of Issuer:** Restoration Robotics, Inc. (the "Issuer").

Item1(b). **Address of Issuer's Principal Executive Offices:**

128 Baytech Drive, San Jose, CA 95134.

Item2(a). **Name of Persons Filing:** Clarus Lifesciences II, L.P. ("Clarus II"), Clarus Ventures II GP, L.P. ("Clarus II GP"), Clarus Ventures II, LLC ("Clarus II GPLLC"), Robert Liptak ("Liptak"), Nicholas Simon ("Simon"), Nicholas Galakatos ("Galakatos"), Dennis Henner ("Henner") and Kurt Wheeler ("Wheeler"), (each, a "Reporting Person" and collectively, the "Reporting Persons.") Clarus II GP is the sole general partner of Clarus II. Clarus II GPLLC is the sole general partner of Clarus II GP. Liptak, Simon, Galakatos, Henner and Wheeler, (collectively, the "Managers") are all of the managing directors of Clarus II GPLLC.

Item2(b). **Address of Principal Business Office or, if None, Residence:** The address of the principal business office of the Reporting Persons is Clarus Ventures, 101 Main Street, Suite 1210, Cambridge, MA 02142.

Item2(c). **Citizenship:** Clarus II and Clarus II GP are limited partnerships organized under the laws of the State of Delaware. Clarus II GPLLC is a limited liability company organized under the laws of the State of Delaware. Each of Liptak, Simon, Galakatos, Henner and Wheeler is a United States Citizen.

Item2(d). **Title of Class of Securities:** Common Stock, \$0.0001 par value per share ("Common Stock").

Item2(e). **CUSIP Number:** 76133C 103

Item3. **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.

Item4. **Ownership.**

(a) Amount Beneficially Owned: Clarus II is the record owner of 3,569,986 shares of Common Stock (the "Record Shares"). As the general partner of Clarus II, Clarus II GP may be deemed to own beneficially the Record Shares. As the general partner of Clarus II GP, Clarus II GPLLC likewise may be deemed to own beneficially the Record Shares. As the managing directors of Clarus II GPLLC, each of the Managers also may be deemed to own beneficially the Record Shares.

(b) Percent of Class: See Line 11 of the cover sheets. The percentages relating to beneficial ownership of Common Stock are based on 28,930,095 shares of Common Stock reported to be outstanding as of October 31, 2017 on the Issuer's Form 10-Q filed with the Securities and Exchange Commission on November 1, 2017.

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

- (i) sole power to vote or to direct the vote: see line 5 of cover sheets.
- (ii) shared power to vote or to direct the vote: see line 6 of cover sheets.
- (iii) sole power to dispose or to direct the disposition: see line 7 of cover sheets.
- (iv) shared power to dispose or to direct the disposition: see line 8 of cover sheets.

Each Reporting Person disclaims beneficial ownership of such shares of Common Stock except for the shares, if any, such Reporting Person holds of record.

Item5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable.

Item8. Identification and Classification of Members of the Group.

Not applicable.

Item9. Notice of Dissolution of Group.

Not applicable.

Item10. 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 12, 2018

CLARUS LIFESCIENCES II, L.P.

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

By: Clarus Ventures II, LLC, its general partner

By: /s/ Robert Liptak
Manager

CLARUS VENTURES II GP, L.P.

By: Clarus Ventures II, LLC, its general partner

By: /s/ Robert Liptak
Manager

CLARUS VENTURES II, LLC

By: /s/ Robert Liptak
Manager

*
Nicholas Galakatos

*
Dennis Henner

/s/ Robert Liptak
Robert Liptak

*
Nicholas Simon

*
Kurt Wheeler

*By: /s/ Robert Liptak
Robert Liptak, as Attorney-in-Fact

This Schedule 13G was executed by Robert Liptak on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which is attached as Exhibit 2.



EXHIBIT 1**AGREEMENT**

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, the undersigned hereby agree that only one statement containing the information required by Schedule 13G need be filed with respect to the ownership by each of the undersigned of shares of Common Stock of Restoration Robotics, Inc.

Date: February 12, 2018

CLARUS LIFESCIENCES II, L.P.

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

By: Clarus Ventures II, LLC, its general partner

By: /s/ Robert Liptak
Manager

CLARUS VENTURES II GP, L.P.

By: Clarus Ventures II, LLC, its general partner

By: /s/ Robert Liptak
Manager

CLARUS VENTURES II, LLC

By: /s/ Robert Liptak
Manager

_____*

Nicholas Galakatos

_____*

Dennis Henner

/s/ Robert Liptak
Robert Liptak

_____*

Nicholas Simon

_____*

Kurt Wheeler

*By: /s/ Robert Liptak
Robert Liptak, as Attorney-in-Fact

This Schedule 13G was executed by Robert Liptak on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which is attached as Exhibit 2.

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Robert Liptak with full power to act singly, his true and lawful attorney-in-fact, with full power of substitution, to: (i) sign any and all instruments, certificates and documents that may be necessary, desirable or appropriate to be executed on behalf of himself as an individual or in his capacity as a general partner of any partnership or limited liability company, pursuant to Section 13 or 16 of the Securities Exchange Act of 1934, as amended, and any and all regulations promulgated thereunder, (ii) file the same (including any amendments thereto), with all exhibits thereto, and any other documents in connection therewith, with the Securities and Exchange Commission, and any stock exchange or similar authority and (iii) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this power of attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion, granting unto said attorney-in-fact full power and authority to do and perform each and every act and thing necessary, desirable or appropriate.

Each of the undersigned hereby grant to the attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted.

This power of attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the attorney-in-fact.

IN WITNESS WHEREOF, this Power of Attorney has been signed as of the 9th day of February, 2017.

/s/ Nicholas Galakatos
Nicholas Galakatos

/s/ Dennis Henner
Dennis Henner

/s/ Nick Simon
Nick Simon

/s/ Scott Requadt
Scott Requadt

/s/ Kurt Wheeler
Kurt Wheeler