FORM 3

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

# 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

			2. Date of Event Requiring Statement (Month/Day/Year) 10/11/2017		S. Issuer Name and Ticker or Trace Restoration Robotics In      Relationship of Reporting Perso (Check all applicable)     X Director X      Officer (give title below)	C HAIR	5. If A (Mon	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line)	
(Street) SAN JOSE	CA	95134			belowy	below)	1	X Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City)	(State)	(Zip)							
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)		t (D) (Instr.	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	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
			Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivative Security	Direct (D) or Indirect (I) (Instr. 5)	
Series A Prefe	rred Stock		(1)	(2)	Common Stock	12,466	(1)	I	See Footnote <sup>(3)</sup>
Series A Prefe	rred Stock								
	irea otoen		(1)	(2)	Common Stock	461,717	(1)	I	See Footnote <sup>(4)</sup>
Series A Prefe			(1)	(2)	Common Stock Common Stock	461,717 474,184	(1)	I	
Series A Prefer	rred Stock				+	1			See Footnote <sup>(4)</sup>
	rred Stock		(1)	(2)	Common Stock	474,184	(1)	I	See Footnote <sup>(4)</sup> See Footnote <sup>(5)</sup>
Series B Prefer	rred Stock rred Stock rred Stock		(1)	(2)	Common Stock Common Stock	474,184 13,650	(1)	I	See Footnote <sup>(4)</sup> See Footnote <sup>(5)</sup> See Footnote <sup>(3)</sup>
Series B Prefer	rred Stock rred Stock rred Stock rred Stock		(1)	(2)	Common Stock Common Stock Common Stock	474,184 13,650 505,580	(1) (1) (1)	I I	See Footnote <sup>(4)</sup> See Footnote <sup>(5)</sup> See Footnote <sup>(3)</sup> See Footnote <sup>(4)</sup>
Series B Prefer Series B Prefer Series B Prefer	rred Stock rred Stock rred Stock rred Stock rred Stock		(1) (1) (1) (1)	(2) (2) (2) (2)	Common Stock Common Stock Common Stock Common Stock	474,184 13,650 505,580 519,230	(1) (1) (1) (1)	I I I	See Footnote <sup>(4)</sup> See Footnote <sup>(5)</sup> See Footnote <sup>(3)</sup> See Footnote <sup>(4)</sup> See Footnote <sup>(5)</sup>

### **Explanation of Responses:**

- 1. The shares of the Issuer's Preferred Stock automatically convert into shares of the Issuer's Common Stock, for no additional consideration, on a 1:1 basis immediately prior to the consummation of the Issuer's Initial Public Offering (the "IPO").
- 2. The expiration date is not relevant to the conversion of these securities.
- 3. The shares are directly held by Alloy Partners 2002, L.P. ("Alloy Partners 2002"). Alloy Ventures 2002, LLC ("Ventures 2002"), as the sole general partner of Alloy Partners 2002, may be deemed to beneficially own the shares held by Alloy Partners 2002. The Reporting Person is a managing director of Ventures 2002, and as such may be deemed to beneficially own the shares held by Alloy Partners 2002. The Reporting Person disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.
- 4. The shares are directly held by Alloy Ventures 2002, L.P. ("Alloy Ventures 2002"). Ventures 2002, as the sole general partner of Alloy Ventures 2002, may be deemed to beneficially own the shares held by Alloy Ventures 2002. The Reporting Person is a managing director of Ventures 2002, and as such may be deemed to beneficially own the shares held by Alloy Ventures 2002. The Reporting Person disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.
- 5. The shares are directly held by Alloy Ventures 2005, L.P. ("Alloy Ventures 2005"). Alloy Ventures 2005, L.L. ("Ventures 2005"), as the sole general partner of Alloy Ventures 2005, may be deemed to beneficially own the shares held by Alloy Ventures 2005. The Reporting Person is a managing director of Ventures 2005, and as such may be deemed to beneficially own the shares held by Alloy Ventures 2005. The Reporting Person disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.

/s/ Charlotte Holland,

Attorney-in-Fact for Craig C

10/11/2017

**Taylor** 

\*\* 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.

#### Restoration Robotics, Inc.

### **Power of Attorney**

Know all by these presents, that the undersigned hereby constitutes and appoints each of (i) the Chief Executive Officer of Restoration Robotics, Inc., a Delaware corporation (the "Company"), who is currently Ryan Rhodes and (ii) the Company's Chief Financial Officer, who is currently Charlotte Holland, and their respective successors (including anyone serving in such capacities on an interim or acting basis), signing singly, with full powers of substitution, as the undersigned's true and lawful attorney-in-fact to:

- 1. prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the U.S. Securities and Exchange Commission (the "SEC") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934 or any rule or regulation of the SEC;
- 2. execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of the Company, Forms 3, 4, and 5 and any amendments thereto in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;
- 3. do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the SEC and any stock exchange or similar authority; and
- 4. 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.

The undersigned hereby grants to each such 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. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 14th day of June, 2017.

/s/ Craig Taylor
By: Craig Taylor