FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104

Estimated average burden

		3	SECURITIES				hours per	response: 0.5	
			16(a) of the Securities Exchange the Investment Company Act of 1						
1. Name and Address of Reporting Ferson	2. Date of Even Requiring State (Month/Day/Yea 10/11/2017	t ment	3. Issuer Name and Ticker or Trading Symbol  Restoration Robotics Inc [ HAIR ]						
(Last) (First) (Middle) 1415 HAMILTON AVENUE	_   10/11/2017		Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director X 10% Owner				5. If Amendment, Date of Original Filed (Month/Day/Year)		
(Street) PALO ALTO CA 94301							Individual or Joint/Group Filing (Check Applicable Line)     Form filed by One Reporting Person     Form filed by More than One Reporting Person		
(City) (State) (Zip)									
	Table I - No	n-Derivat	tive Securities Beneficia	lly Owned					
1. Title of Security (Instr. 4)			2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownersh Form: Direct or Indirect ( (Instr. 5)	Direct (D) (Instr. 5)		ture of Indirect Beneficial Ownership . 5)		
(e.	Table II - g., puts, ca	Derivativ Ils, warra	e Securities Beneficially ants, options, convertible	Owned e securities	s)				
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. Convers	sion O	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivati Security	ative or Indirect			
Series A Preferred Stock	(1)	(2)	Common Stock	12,466	(1)		I	See Footnote <sup>(3)</sup>	
Series A Preferred Stock	(1)	(2)	Common Stock	461,717	(1)		I	See Footnote <sup>(4)</sup>	
Series A Preferred Stock	(1)	(2)	Common Stock	474,184	(1)		I	See Footnote <sup>(5)</sup>	
Series B Preferred Stock	(1)	(2)	Common Stock	13,650	(1)		I	See Footnote <sup>(3)</sup>	
Series B Preferred Stock	(1)	(2)	Common Stock	505,580	(1)		I	See Footnote <sup>(4)</sup>	
Series B Preferred Stock	(1)	(2)	Common Stock	519,230	(1)		I	See Footnote <sup>(5)</sup>	
Series C Preferred Stock	(1)	(2)	Common Stock	16,643	(1)		I	See Footnote <sup>(3)</sup>	
Series C Preferred Stock	(1)	(2)	Common Stock	616,446	(1)		I	See Footnote <sup>(4)</sup>	
Series C Preferred Stock	(1)	(2)	Common Stock	633,094	(1)		I	See Footnote <sup>(5)</sup>	
1. Name and Address of Reporting Person*  ALLOY VENTURES 2002 LLC		_							
(Last) (First) (Middle) 1415 HAMILTON AVENUE									
(Street) PALO ALTO CA 94301									

## (City) (Zip) (State) 1. Name and Address of Reporting $\mathsf{Person}^\star$ Alloy Ventures 2005, LLC (Middle) (Last) (First) 400 HAMILTON AVENUE, 4TH FLOOR (Street) PALO ALTO 94301 CA (City) (State) (Zip)

1. Name and Address		
Alloy Partners	<u>2002, LP</u>	
,		
(Last)	(First)	(Middle)
400 HAMILTON S	ST.	
4TH FL.		
(Street)		
PALO ALTO	CA	94301
(City)	(State)	(Zip)
1. Name and Address	of Reporting Person*	
Alloy Ventures	<u>2002, LP</u>	
-		
(Last)	(First)	(Middle)
400 HAMILTON S	ST.	
4TH FL.		
(Street)		
PALO ALTO	CA	94301
(City)	(State)	(Zip)
1. Name and Address	of Reporting Person*	
ALLOY VENT	TURES 2005 LP	
(Last)	(First)	(Middle)
400 HAMILTON		
4TH FLOOR		
,		
(Street)		0.4004
PALO ALTO	CA	94301
(City)	(State)	(Zip)

## **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. See additional Form 4 filed by Alloy Ventures 2002, LLC ("Ventures 2002") for additional members of this joint filing. The shares are directly held by Alloy Partners 2002, L.P. ("Alloy Partners 2002"). Ventures 2002, as the sole general partner of Alloy Partners 2002, may be deemed to beneficially own the shares held by Alloy Partners 2002. Craig Taylor, Douglas Kelly, John Shoch, Tony DiBona and Daniel Rubin are managing directors of Ventures 2002, and as such may be deemed to beneficially own the shares held by Alloy Partners 2002. Each Reporting Person disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.
- 4. See additional Form 4 filed by Ventures 2002 for additional members of this joint filing. 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. Craig Taylor, Douglas Kelly, John Shoch, Tony DiBona and Daniel Rubin are managing directors of Ventures 2002, and as such may be deemed to beneficially own the shares held by Alloy Ventures 2002. Each Reporting Person disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.
- 5. See additional Form 4 filed by Ventures 2002 for additional members of this joint filing. The shares are directly held by Alloy Ventures 2005, L.P. ("Alloy Ventures 2005"). Alloy Ventures 2005, L.P. ("Ventures 2005"), as the sole general partner of Alloy Ventures 2005, may be deemed to beneficially own the shares held by Alloy Ventures 2005. Craig Taylor, Douglas Kelly, John Shoch, Tony DiBona, Daniel Rubin, Michael Hunkapiller and Ammar H. Hanafi are managing directors of Ventures 2005, and as such may be deemed to beneficially own the shares held by Alloy Ventures 2005. Each Reporting Person disclaims beneficial ownership of such shares except to the extent of any pecuniary interest therein.

/s/ Tony Di Bona, managing member of Alloy Ventures 2002, LLC	10/11/2017
/s/ Tony Di Bona, managing member of Alloy Ventures 2002, LLC, the general partner of Alloy Ventures 2002, L.P.	10/11/2017
/s/ Tony Di Bona, managing member of Alloy Ventures 2002, LLC, the general partner of Alloy Partners 2002, L.P.	10/11/2017
/s/ Tony Di Bona, managing member of Alloy Ventures 2005, LLC	10/11/2017
/s/ Tony Di Bona, managing member of Alloy Ventures 2005, LLC, the general partner of Alloy Ventures 2005, L.P.	10/11/2017
** Signature of Reporting Person	Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  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.	