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 hours per response: 0.5

See Footnote⁽⁵⁾

633,094

Common Stock

| | | | | | 16(a) of the Securities Exchange A f the Investment Company Act of 1 | | | | |
|--|------------|---|---|---|--|------------------------------------|---|---|---|
| 1. Name and Add | • | 2. Date of Event Requiring Statement (Month/Day/Year) 10/11/2017 | | 3. Issuer Name and Ticker or Trading Symbol Restoration Robotics Inc [HAIR] | | | | | |
| (Last) (First) (Middle) 1415 HAMILTON AVENUE | | 10/11/2017 | | Relationship of Reporting Pers (Check all applicable) Director X | 10% Owne | (Mor | If Amendment, Date of Original Filed (Month/Day/Year) Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person | | |
| (Street) PALO ALTO CA 94301 | | | | Officer (give title below) | Other (spebelow) | Appl | | | |
| (City) | (State) | (Zip) | | | | | | | |
| | | | Table I - No | n-Deriva | tive Securities Beneficial | ly 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) | |
| | | (6 | | | re Securities Beneficially ants, options, convertible | | s) | | |
| 1. Title of Derivative Security (Instr. 4) | | | 2. Date Exercisable an Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Inst | | 4. Conversion or Exercise | se Form: | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
| | | Date Exercisable | Expiration Date | n 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 ⁽³⁾ |
| Series A Preferred Stock | | (1) | (2) | Common Stock | 461,717 | (1) | I | See Footnote ⁽⁴⁾ | |
| Series A Preferred Stock | | (1) | (2) | Common Stock | 474,184 | (1) | I | See Footnote ⁽⁵⁾ | |
| Series B Prefer | rred Stock | | (1) | (2) | Common Stock | 13,650 | (1) | I | See Footnote ⁽³⁾ |
| Series B Prefer | rred Stock | | (1) | (2) | Common Stock | 505,580 | (1) | I | See Footnote ⁽⁴⁾ |
| Series B Preferred Stock | | (1) | (2) | Common Stock | 519,230 | (1) | I | See Footnote ⁽⁵⁾ | |
| Series C Preferred Stock | | (1) | (2) | Common Stock | 16,643 | (1) | I | See Footnote ⁽³⁾ | |
| Series C Preferred Stock | | (1) | (2) | Common Stock | 616,446 | (1) | I | See Footnote ⁽⁴⁾ | |

| ALLOY VEN | TURES 2002 | LLC | | | | | |
|---|------------|----------|--|--|--|--|--|
| (Last) | (First) | (Middle) | | | | | |
| 1415 HAMILTON AVENUE | | | | | | | |
| (Street) | | | | | | | |
| PALO ALTO | CA | 94301 | | | | | |
| (City) | (State) | (Zip) | | | | | |
| 1. Name and Address of Reporting Person* KELLY DOUGLAS E | | | | | | | |
| (Last) | (First) | (Middle) | | | | | |
| 400 HAMILTON AVENUE 4TH FLOOR | | | | | | | |
| (Street) | | | | | | | |
| PALO ALTO | CA | 94301 | | | | | |
| (City) | (State) | (Zip) | | | | | |

Series C Preferred Stock

1. Name and Address of Reporting Person*

| 1. Name and Address of Reporting Person* Shoch John | | | | | | | | |
|---|---------------------------|----------|--|--|--|--|--|--|
| (Last) (First) (Middle) 400 HAMILTON AVENUE 4TH FLOOR | | | | | | | | |
| (Street) PALO ALTO | CA | 94301 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| 1. Name and Address of Reporting Person* <u>Di Bona Tony</u> | | | | | | | | |
| (Last) 400 HAMILTON A | (First) VENUE 4TH FLOO | (Middle) | | | | | | |
| (Street) PALO ALTO | CA | 94301 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| 1. Name and Address of Reporting Person* <u>Rubin Daniel</u> | | | | | | | | |
| (Last) (First) (Middle) 400 HAMILTON AVENUE 4TH FLOOR | | | | | | | | |
| (Street) PALO ALTO | CA | 94301 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| 1. Name and Address of Reporting Person* <u>Hunkapiller Michael</u> | | | | | | | | |
| (Last) 400 HAMILTON A | (First) VENUE 4TH FLOO | (Middle) | | | | | | |
| (Street) PALO ALTO | CA | 94301 | | | | | | |
| (City) | (State) | (Zip) | | | | | | |
| Name and Address of Reporting Person* Hanafi Ammar | | | | | | | | |
| (Last) 400 HAMILTON A | (First) VENUE 4TH FLOO | (Middle) | | | | | | |
| (Street) 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, attorney-in-10/11/2017 fact for Douglas E. Kelly /s/ Tony Di Bona, attorney-in-10/11/2017 fact for John F. Shoch /s/ Tony Di Bona, attorney-in-10/11/2017 fact for Daniel I. Rubin /s/ Tony Di Bona, attorney-in-10/11/2017 fact for Michael W. **Hunkapiller** /s/ Tony Di Bona, attorney-in-10/11/2017 fact for Ammar H. Hanafi /s/ Tony Di Bona 10/11/2017 ** Signature of Reporting Person

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.