

Registrant's telephone number, including area code: **(774) 233-7300**

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 1.01. Entry into a Material Definitive Agreement.

Purchase Agreement and Registration Rights Agreement with Aspire Capital

On December 15, 2015, Harvard Apparatus Regenerative Technology, Inc. (the “Company”), entered into a common stock purchase agreement (the “Purchase Agreement”) with Aspire Capital Fund, LLC, an Illinois limited liability company (“Aspire Capital”) which provides that, upon the terms and subject to the conditions and limitations set forth therein, Aspire Capital is committed to purchase, at the Company’s direction, up to an aggregate of \$15.0 million of shares of the Company’s common stock over the 30-month term of the Purchase Agreement. Upon execution of the Purchase Agreement, the Company agreed to sell to Aspire Capital 500,000 shares of common stock at \$2.00 per share (the “Initial Purchase Shares”) for aggregate proceeds of \$1,000,000. Concurrently with entering into the Purchase Agreement, the Company also entered into a registration rights agreement with Aspire Capital (the “Registration Rights Agreement”), in which the Company agreed to file one or more registration statements, as permissible and necessary to register under the Securities Act of 1933, as amended (the “Securities Act”), registering the sale of the shares of the Company’s common stock that have been and may be issued to Aspire Capital under the Purchase Agreement.

Under the Purchase Agreement, after the Securities and Exchange Commission (the “SEC”) has declared effective the registration statement referred to above, on any trading day selected by the Company, the Company has the right, in its sole discretion, to present Aspire Capital with a purchase notice (each, a “Purchase Notice”), directing Aspire Capital (as principal) to purchase up to 150,000 shares of the Company’s common stock per business day, up to an additional \$14.0 million of the Company’s common stock in the aggregate at a per share price (the “Purchase Price”) equal to the lesser of:

- the lowest sale price of the Company’s common stock on the purchase date; or
- the arithmetic average of the three (3) lowest closing sale prices for the Company’s common stock during the ten (10) consecutive trading days ending on the trading day immediately preceding the purchase date.

In addition, on any date on which the Company submits a Purchase Notice to Aspire Capital in an amount equal to 150,000 shares and its stock price is not less than \$0.50 per share, the Company also has the right, in its sole discretion, to present Aspire Capital with a volume-weighted average price purchase notice (each, a “VWAP Purchase Notice”) directing Aspire Capital to purchase an amount of stock equal to up to 30% of the aggregate shares of the Company’s common stock traded on its principal market on the next trading day (the “VWAP Purchase Date”), subject to a maximum number of shares the Company may determine. The purchase price per share pursuant to such VWAP Purchase Notice is generally 97% of the volume-weighted average price for the Company’s common stock traded on its principal market on the VWAP Purchase Date.

The Purchase Price will be adjusted for any reorganization, recapitalization, non-cash dividend, stock split, or other similar transaction occurring during the period(s) used to compute the Purchase Price. The Company may deliver multiple Purchase Notices and VWAP Purchase Notices to Aspire Capital from time to time during the term of the Purchase Agreement, so long as the most recent purchase has been completed.

The Purchase Agreement provides that the Company and Aspire Capital shall not effect any sales under the Purchase Agreement on any purchase date where the closing sale price of the Company's common stock is less than \$0.50. There are no trading volume requirements or restrictions under the Purchase Agreement, and the Company will control the timing and amount of sales of the Company's common stock to Aspire Capital. Aspire Capital has no right to require any sales by the Company, but is obligated to make purchases from the Company as directed by the Company in accordance with the Purchase Agreement. There are no limitations on use of proceeds, financial or business covenants, restrictions on future fundings, rights of first refusal, participation rights, penalties or liquidated damages in the Purchase Agreement. In consideration for entering into the Purchase Agreement, concurrently with the execution of the Purchase Agreement, the Company issued to Aspire Capital 150,000 shares of the Company's common stock (the "Commitment Shares"). The Purchase Agreement may be terminated by the Company at any time, at its discretion, without any cost to the Company. Aspire Capital has agreed that neither it nor any of its agents, representatives and affiliates shall engage in any direct or indirect short-selling or hedging of the Company's common stock during any time prior to the termination of the Purchase Agreement. Any proceeds that the Company receives under the Purchase Agreement are expected to be used for working capital and general corporate purposes.

Neither this Current Report on Form 8-K nor any exhibit attached hereto is an offer to sell or the solicitation of an offer to buy securities of the Company.

The foregoing is a summary description of certain terms of the Purchase Agreement and the Registration Rights Agreement and, by its nature, is incomplete. All readers are encouraged to read the entire text of the Purchase Agreement and the Registration Rights Agreement, copies of which are filed herewith as Exhibits 10.1 and 4.1, respectively, to this Current Report on Form 8-K and are incorporated herein by reference.

The issuance of the Commitment Shares, the Initial Purchase Shares and all other shares of common stock that may be issued from time to time to Aspire Capital under the Purchase Agreement is exempt from registration under the Securities Act, pursuant to the exemption for transactions by an issuer not involving any public offering under Section 4(a)(2) of the Securities Act.

The information in this Current Report on Form 8-K contains forward-looking statements which are made pursuant to the safe harbor provisions of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The forward-looking statements in this Current Report on Form 8-K do not constitute guarantees of future performance. Investors are cautioned that certain statements in this Current Report on Form 8-K, including, without limitation, statements regarding potential future sales of shares of the Company's common stock under the Purchase Agreement and the expected use of proceeds of any such sales constitute forward-looking statements. These statements involve risks and uncertainties that may cause results to differ materially from the statements set forth in this Current Report on Form 8-K, including, among other things, our ability to obtain and maintain regulatory approval for our Gen2 product candidates for the esophagus and airways or other product candidates, which such approvals may not be obtained on a timely basis or at all; plus other factors described under the heading "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2014 or described in our other public filings. Our results may also be affected by factors of which we are not currently aware. The forward-looking statements in this Current Report on Form 8-K speak only as of the date of this report. Harvard Apparatus Regenerative Technology expressly disclaims any obligation or undertaking to release publicly any updates or revisions to such statements to reflect any change in its expectations with regard thereto or any changes in the events, conditions or circumstances on which any such statement is based.

Item 3.02 Unregistered Sales of Equity Securities.

The information contained above in Item 1.01 is hereby incorporated by reference into this Item 3.02 in its entirety.

Item 7.01 Regulation FD Disclosure.

On December 15, 2015, the Company issued a press release announcing that it has entered into the Purchase Agreement with Aspire Capital. A copy of the press release is attached as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated by reference into this Item 7.01.

The information in this Item 7.01 of this Current Report on Form 8-K and Exhibit 99.1 attached hereto shall not be deemed “filed” for purposes of Section 18 of the Exchange Act or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

| Exhibit Number | Title |
|-----------------------|--|
| 4.1 | Registration Rights Agreement, dated December 15, 2015, between Harvard Apparatus Regenerative Technology, Inc. and Aspire Capital Fund, LLC. |
| 10.1 | Common Stock Purchase Agreement, dated December 15, 2015 between Harvard Apparatus Regenerative Technology, Inc. and Aspire Capital Fund, LLC. |
| 99.1 | Press Release of Harvard Apparatus Regenerative Technology, Inc. dated December 15, 2015. |

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**Harvard Apparatus Regenerative
Technology, INC.**
(Registrant)

December 15, 2015 /s/ Thomas McNaughton

(Date)

Thomas McNaughton
Chief Financial Officer

INDEX TO EXHIBITS

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