

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>HARTE NEAL J</u> (Last) (First) (Middle) <u>UNIT # 1</u> <u>83 CHURCH STREET</u> (Street) <u>WINCHESTER MA 01890</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>HARVARD BIOSCIENCE INC [HBIO]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>11/01/2013</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/01/2013		J		3,646 ⁽¹⁾	A	\$0	20,955 ⁽²⁾	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock option (right to buy)	\$6.57	11/01/2013		J		3,379 ⁽¹⁾		(3)	02/20/2014	Common Stock, par value \$0.01 per share	3,379	\$0	13,379 ⁽¹⁾	D	
Stock option (right to buy)	\$3.01	11/01/2013		J		1,589 ⁽¹⁾		(4)	05/25/2016	Common Stock, par value \$0.01 per share	1,589	\$0	6,589 ⁽¹⁾	D	
Stock option (right to buy)	\$3.32	11/01/2013		J		803 ⁽¹⁾		(5)	06/04/2014	Common Stock, par value \$0.01 per share	803	\$0	3,303 ⁽¹⁾	D	
Stock option (right to buy)	\$3.82	11/01/2013		J		3,317 ⁽¹⁾		(6)	06/21/2014	Common Stock, par value \$0.01 per share	3,317	\$0	13,317 ⁽¹⁾	D	
Stock option (right to buy)	\$2.15	11/01/2013		J		6,352 ⁽¹⁾		(7)	05/26/2015	Common Stock, par value \$0.01 per share	6,352	\$0	26,352 ⁽¹⁾	D	
Stock option (right to buy)	\$3.71	11/01/2013		J		1,603 ⁽¹⁾		(8)	05/24/2017	Common Stock, par value \$0.01 per share	1,603	\$0	6,603 ⁽¹⁾	D	
Stock option (right to buy)	\$3.41	11/01/2013		J		1,586 ⁽¹⁾		(9)	05/22/2018	Common Stock, par value \$0.01 per share	1,586	\$0	6,586 ⁽¹⁾	D	
Stock option (right to buy)	\$2.28	11/01/2013		J		5,720 ⁽¹⁾		(10)	05/21/2019	Common Stock, par value \$0.01 per share	5,720	\$0	23,720 ⁽¹⁾	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock option (right to buy)	\$2.59	11/01/2013		J		5,445 ⁽¹⁾		(11)	06/04/2020	Common Stock, par value \$0.01 per share	5,445	\$0	22,545 ⁽¹⁾	D	
Stock option (right to buy)	\$4.04	11/01/2013		J		5,707 ⁽¹⁾		(12)	06/02/2021	Common Stock, par value \$0.01 per share	5,707	\$0	23,707 ⁽¹⁾	D	
Stock option (right to buy)	\$2.56	11/01/2013		J		5,113 ⁽¹⁾		(13)	06/01/2022	Common Stock, par value \$0.01 per share	5,113	\$0	21,213 ⁽¹⁾	D	
Stock option (right to buy)	\$3.64	11/01/2013		J		3,616 ⁽¹⁾		(14)	05/31/2023	Common Stock, par value \$0.01 per share	3,616	\$0	15,016 ⁽¹⁾	D	

Explanation of Responses:

- These additional options and restricted stock units were acquired by the Reporting Person in connection with the adjustment to the existing options and restricted stock units held by the Reporting Person and required in connection with the spin-off of Harvard Apparatus Regenerative Technology, Inc. by the Issuer. As part of such required adjustment relating to the spin-off, the exercise price of the options underlying these adjustment option grants was also reset to the exercise price of these adjustment grants to reflect the impact of the spin-off. The share amounts and exercise prices of the adjusted options and restricted stock units were set in a manner to ensure the intrinsic value held by the Reporting Person pertaining to the existing award was maintained immediately following the spin-off. In addition to these adjustments, to maintain such intrinsic value, equity awards issued by Harvard Apparatus Regenerative Technology, Inc. were also granted to the Reporting Person.
- Includes (a) an adjusted deferred stock award of 7,777 restricted stock units which shall fully vest on May 31, 2014; and (b) an adjusted deferred stock award of 7,377 restricted stock units which vest in equal installments on June 1, 2014 and June 1, 2015; and (c) 5,801 shares of common stock held by the Reporting Person.
- The option shares vested in three equal installments on each of February 20, 2005, 2006 and 2007.
- The option shares vested in three equal installments on May 25, 2007, 2008 and 2009.
- The option shares vested in three equal installments on June 4, 2005, 2006 and 2007.
- The option shares vested in three equal installments on June 21, 2005, 2006 and 2007.
- The option shares vested in three equal installments on May 26, 2006, 2007 and 2008.
- The option shares vested in three equal installments on May 24, 2008, 2009 and 2010.
- The option shares vested in three equal installments on May 22, 2009, 2010 and 2011.
- The option shares vested in three equal installments on May 21, 2010, 2011 and 2012.
- The option shares vested in three equal installments on June 4, 2011, 2012 and 2013.
- The option shares vest in three equal installments on June 2, 2012, 2013 and 2014.
- The option shares vest in three equal installments on June 1, 2013, 2014 and 2015.
- The options shall fully vest on May 31, 2014.

Remarks:

This form has been signed under power of attorney.

Neal J. Harte

11/05/2013

** 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 4 (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.

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