

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person* <u>Gagnon Robert E.</u>  (Last) (First) (Middle) <u>C/O HARVARD BIOSCIENCE, INC.</u> <u>84 OCTOBER HILL ROAD</u>  (Street) <u>HOLLISTON MA 01746</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>HARVARD BIOSCIENCE INC [ HBIO ]</u>  3. Date of Earliest Transaction (Month/Day/Year) <u>05/06/2016</u>  4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Chief Financial Officer</u>  6. Individual or Joint/Group Filing (Check Applicable Line)  <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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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	05/06/2016		A		88,652 <sup>(1)</sup>	A	\$0.00	153,897 <sup>(2)</sup>	D	
Common Stock	05/06/2016		A		88,652 <sup>(3)</sup>	A	\$0.00	242,549 <sup>(4)</sup>	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	Date Exercisable	Expiration Date					

Explanation of Responses:

1. Represents a deferred stock award of 88,652 restricted stock units which shall vest in four equal installments on January 1, 2017, 2018, 2019 and 2020.
2. Includes (a) a deferred stock award of 88,652 restricted stock units which shall vest in four equal installments on January 1, 2017, 2018, 2019 and 2020; (b) a deferred stock award of 19,875 restricted stock units which shall vest in three equal installments on January 1, 2017, 2018 and 2019; (c) a deferred stock award of 28,117 restricted stock units with performance based vesting conditions, which shall vest on August 3, 2018 contingent upon achievement of a performance condition tied to relative total shareholder return; and (d) 17,253 shares of common stock held by the Reporting Person.
3. Represents a deferred stock award of 88,652 restricted stock units which shall vest in full on May 6, 2018.
4. Includes (a) a deferred stock award of 88,652 restricted stock units which shall vest in full on May 6, 2018; (b) a deferred stock award of 88,652 restricted stock units which shall vest in four equal installments on January 1, 2017, 2018, 2019 and 2020; (c) a deferred stock award of 19,875 restricted stock units which shall vest in three equal installments on January 1, 2017, 2018 and 2019; (d) a deferred stock award of 28,117 restricted stock units with performance based vesting conditions, which shall vest on August 3, 2018 contingent upon achievement of a performance condition tied to relative total shareholder return; and (e) 17,253 shares of common stock held by the Reporting Person.

Remarks:

This form is signed under power of attorney.

/s/ Chad Porter, by power of attorney 05/10/2016

\*\* 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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