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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the  
Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): May 15, 2008**

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**HARVARD BIOSCIENCE, INC.**

(Exact name of registrant as specified in charter)

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**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**000-31923**  
(Commission File Number)

**04-3306140**  
(IRS Employer  
Identification No.)

**84 October Hill Road, Holliston, MA 01746**  
(Address of Principal Executive Offices) (Zip Code)

**(508) 893-8999**  
(Registrant's telephone number, including area code)

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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 (see General Instruction A.2. below):

- 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))
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**Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

At the 2008 Annual Meeting of Stockholders of Harvard Bioscience, Inc. (the "Company"), on May 15, 2008, the Company's stockholders approved the Company's Second Amended and Restated 2000 Stock Option and Incentive Plan (the "Plan") that, among other things, increased the total number of shares of common stock available for issuance under the Plan by 2,500,000 shares. The foregoing summary is qualified in its entirety by reference to the Plan, which is filed as Exhibit 99.1 to this Form 8-K and incorporated by reference.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

<u>Exhibit Number</u>	<u>Title</u>
99.1(1)	Harvard Bioscience, Inc. Second Amended and Restated 2000 Stock Option and Incentive Plan

(1) Previously filed as Appendix A to the Company's Proxy Statement on Schedule 14A (filed April 16, 2008) and incorporated by reference thereto.

**SIGNATURES**

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

HARVARD BIOSCIENCE, INC.

Date: May 19, 2008

By: /s/ Susan M. Luscinski  
Susan M. Luscinski  
Chief Operating Officer and Treasurer

**EXHIBIT INDEX**

<u>Exhibit No.</u>	<u>Description</u>
99.1(1)	Harvard Bioscience, Inc. Second Amended and Restated 2000 Stock Option and Incentive Plan

(1) Previously filed as Appendix A to the Company's Proxy Statement on Schedule 14A (filed April 16, 2008) and incorporated by reference thereto.