

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF THE
SECURITIES EXCHANGE ACT OF 1934

Harvard Bioscience, Inc.

(Exact Name of Registrant as Specified in Its Charter)

Delaware

04-3306140

(State of Incorporation or Organization)

(I.R.S. Employer Identification no.)

84 October Hill Road, Holliston, Massachusetts

01746-1371

(Address of Principal Executive Offices)

(Zip Code)

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box. / /

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box. /X/

Securities Act registration statement file number to which this form relates:

333-45996

(If applicable)

Securities to be registered pursuant to Section 12(b) of the Act:

Title of Each Class
to be so Registered

Name of Each Exchange on Which
Each Class is to be Registered

None

Securities to be registered pursuant to Section 12(g) of the Act:

Common Stock, Par Value \$.01 Per Share

(Title of class)

INFORMATION REQUIRED IN REGISTRATION STATEMENT

ITEM 1. DESCRIPTION OF REGISTRANT'S SECURITIES TO BE REGISTERED.

A description of the Common Stock of the Registrant is set forth in the information provided under "Description of Capital Stock" in the Prospectus contained in the Registration Statement on Form S-1 (the "Registration Statement"), filed under the Securities Act of 1933 with the Securities and Exchange Commission on September 18, 2000, File No. 333-45996, as amended (including after the date hereof pursuant to Rule 424(b) under the Securities Act of 1933), which information is incorporated herein by reference.

ITEM 2. EXHIBITS.

- (1) Specimen certificate for shares of Common Stock, par value \$.01 per share, of the Registrant (incorporated by reference to Exhibit 4.1 to the Registration Statement).
- (2) Form of Second Amended and Restated Certificate of Incorporation of the Registrant (incorporated by reference to Exhibit 3.2 to the Registration Statement).
- (3) Form of Amended and Restated By-laws of the Registrant (incorporated by reference to Exhibit 3.3 to the Registration Statement).
- (4) Form of Amended and Restated Securityholders' Agreement dated as of March 2, 1999 by and among Harvard Apparatus, Inc., Pioneer Ventures Limited Partnership, Pioneer Ventures Limited Partnership II, Pioneer Capital Corp., First New England Capital, L.P. and Citizens Capital, Inc. and Chane Graziano and David Green (incorporated by reference to Exhibit 4.2 to the Registration Statement).

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

HARVARD BIOSCIENCE, INC.

By: /s/ James Warren

James Warren
Chief Financial Officer

Dated: November 8, 2000