UNITED STATES 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

HARMONY BIOSCIENCES HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware (State of incorporation or organization)

82-2279923 (I.R.S. Employer Identification No.)

630 W Germantown Pike, Suite 215 Plymouth Meeting, Pennsylvania (Address of principal executive offices)

19462 (Zip Code)

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

Title of each class to be so registered

Common Stock, \$0.00001 par value

Name of each exchange on which each class is to be registered The Nasdaq Stock Market LLC

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), check the following box. \boxtimes

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), check the following box. \Box

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box. \Box

Securities Act registration statement or Regulation A offering statement file number to which this form relates: 333-240122

Securities to be registered pursuant to Section 12(g) of the Act: None

Item 1. Description of Registrant's Securities to be Registered.

A description of the common stock, par value \$0.00001 per share, to be registered hereunder is set forth under the caption "Description of Capital Stock — Common Stock" in the prospectus that constitutes a part of the Registrant's Registration Statement on Form S-1, File No. 333-240122 (the "Registration Statement"), initially filed with the U.S. Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Securities Act") on July 27, 2020, as subsequently amended by any amendments to such Registration Statement and by any form of prospectus filed pursuant to Rule 424(b) under the Securities Act in connection with such Registration Statement. Such Registration Statement, as amended, and any form of prospectus filed pursuant to Rule 424(b) under the Securities Act that includes such description, are hereby incorporated by reference herein.

Item 2. Exhibits.

Under the Instructions as to Exhibits with respect to Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on The Nasdaq Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

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.

HARMONY BIOSCIENCES HOLDINGS, INC.

Date: August 14, 2020 By: /s/ John C. Jacobs

Name: John C. Jacobs

Title: President and Chief Executive Officer