

BIO BLAST PHARMA LTD.
Form 8-A12B
July 28, 2014

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 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

Bio Blast Pharma Ltd.

(Exact name of registrant as specified in its charter)

State of Israel

(State of incorporation or organization)

Not Applicable

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

37 Dereh Menachem Begin St., 15th Floor

6522042

Tel-Aviv, Israel

(Address of principal executive offices)

(Zip Code)

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

Ordinary shares, par value NIS 0.01 per share

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.

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.

Securities Act registration statement file number to which this form relates: **333-193824** (If applicable)

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

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

The description of the ordinary shares of the Registrant set forth under the caption "Description of Share Capital" in the prospectus forming a part of the Registrant's Registration Statement on Form F-1 (File No. 333-193824) filed with the U.S. Securities and Exchange Commission (the "Commission") on February 7, 2014, as amended from time to time (the "Registration Statement"), shall be deemed to be incorporated by reference herein. In addition, any description of such securities contained in a form of prospectus relating to the Registration Statement subsequently filed by the Registrant with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, shall be deemed to be incorporated by reference herein.

Item 2. Exhibits.

Because no other securities of the Registrant are registered on The NASDAQ Stock Market LLC, and the securities being registered by this Registration Statement on Form 8-A are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended, no exhibits are required to be filed with this Registration Statement on Form 8-A.

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, thereunto duly authorized.

BIO BLAST PHARMA LTD.

Date: July 28, 2014

By: /s/ Dr. Dalia Megiddo

Dr. Dalia Megiddo

Chief Executive Officer and President