

INSPIREMD, INC.

FORM 8-A12B (Securities Registration (section 12(b)))

Filed 11/08/12

Address	321 COLUMBUS AVENUE BOSTON, MA 02116
Telephone	(857) 453-6553
CIK	0001433607
Symbol	NSPR
SIC Code	3841 - Surgical and Medical Instruments and Apparatus
Industry	Medical Equipment & Supplies
Sector	Healthcare
Fiscal Year	12/31

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 (g) OF THE
SECURITIES EXCHANGE ACT OF 1934

INSPIREMD, INC.	
(Exact name of registrant as specified in its charter)	
Delaware	26-2123838
(State of incorporation or organization)	(I.R.S. Employer Identification No.)
4 Menorat Hamaor St. Tel Aviv, Israel 972-3-691-7691	67448
(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:
Common Stock, \$0.0001 par value	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. <input checked="" type="checkbox"/>	
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. <input type="checkbox"/>	
Securities Act registration statement file number to which this form relates: 333-184066	
Securities to be registered pursuant to Section 12(g) of the Act:	
None	
(Title of Class)	

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

A description of the Common Stock, par value \$0.0001 per share, of InspireMD, Inc. (the "Company") to be registered hereunder is set forth under the caption entitled "Description of Capital Stock" in the Company's Registration Statement on Form S-1 (File No. 333-184066), originally filed with the Securities and Exchange Commission on September 24, 2012, as amended, including any form of prospectus filed pursuant to Rule 424(b) of Regulation C promulgated under the Securities Act of 1933, as amended, relating thereto, which description is incorporated herein by reference.

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 Exchange Act.

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.

INSPIREMD, INC.

Date: November 7, 2012

By: /s/ Craig Shore
Name: Craig Shore
Title: Chief Financial Officer
