

InspireMD, Inc.  
Form 8-A12B  
July 26, 2016

**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 (I.R.S. Employer  
or organization)              Identification No.)

321 Columbus Avenue, Boston, Massachusetts 02116  
(Address of principal executive offices)              (Zip Code)

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

| Title of each class<br>to be registered | Name of each exchange on which<br>each class is to be registered |
|---|--|
|---|--|

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Warrants, exercisable for one share of common stock NYSE MKT 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: **333-210760**

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

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

InsireMD, Inc. (the "Registrant") hereby incorporates by reference the description of its warrants to be registered hereunder contained under the heading "Description of Securities—Warrants Being Issued in this Offering" in the Registrant's prospectus dated June 30, 2016, filed by the Registrant on July 1, 2016, with the Securities and Exchange Commission (the "Commission") pursuant to Rule 424(b)(4) under the Securities Act of 1933, as amended, in connection with the Registration Statement on Form S-1 (File No. 333-210760), as originally filed with the Commission on April 14, 2016, as subsequently amended.

**Item 2. Exhibits.**

See Index to Exhibits.

**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: July 26, 2016 By: */s/ Craig Shore*  
Name: Craig Shore  
Title: Chief Financial Officer

**Exhibit Index**

| Exhibit<br>No. | Description  |
|----------------|--|
| 1.             | Warrant Agreement, dated as of July 7, 2016, between InspireMD, Inc. and Action Stock Transfer Corporation, as Warrant Agent, which includes the form of Warrant Certificate Stock as Exhibit A. |

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