

**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**

SKYLINE MEDICAL INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware

(State or Other Jurisdiction of
Incorporation or Organization)

000-54361

(Commission File Number)

33-1007393

(IRS Employer
Identification No.)

**2915 Commers Drive, Suite 900
Eagan, Minnesota 55121**
(Address of principal executive offices)

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

Title of each class to be registered:

**Common stock, par value \$0.01 per share ("Common Stock")
Warrants to purchase Common Stock**

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), 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.

Securities Act registration statement file number to which this form relates: **333-198962**

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

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

The descriptions of the Common Stock and Warrants (collectively, the "Securities") of the Registrant to be registered hereby, as included under the caption "Description of Securities" in the prospectus forming a part of the Registration Statement on Form S-1, as amended (Registration No. 333-198962) (the "Registration Statement"), filed by the Registrant with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Securities Act"), is incorporated by reference herein. In addition, any description of such Securities contained in any form of prospectus subsequently filed by the Registrant with the Commission pursuant to Rule 424(b) under the Securities Act that constitutes part of the Registration Statement shall be deemed to be 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 of 1934, as amended.

SIGNATURE

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

SKYLINE MEDICAL INC.

By: /s/ Bob Myers

Bob Myers
Chief Financial Officer

Date: December 17, 2014
