

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**POST-EFFECTIVE AMENDMENT NO. 1**

to

**FORM S-8**

**REGISTRATION STATEMENT**

Under

**THE SECURITIES ACT OF 1933**

**EQUILLIUM, INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

(State or other jurisdiction of  
incorporation or organization)

**82-1554746**

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

**2223 Avenida de la Playa, Suite 105**

**La Jolla, California**

(Address of Principal Executive Offices)

**92037**

(Zip Code)

**2018 Equity Incentive Plan**

**2018 Employee Stock Purchase Plan**

(Full titles of the plans)

**Daniel M. Bradbury**

**Chief Executive Officer**

**Equillum, Inc.**

**2223 Avenida de la Playa, Suite 105**

**La Jolla, California 92037**

**(858) 412-5302**

(Name, address, and telephone number, including area code, of agent for service)

*Copies to:*

**Thomas A. Coll, Esq.  
Karen E. Anderson, Esq.  
Wade W. Andrews, Esq.  
Cooley LLP  
4401 Eastgate Mall  
San Diego, California 92121  
Tel: (858) 550-6000**

**Jason A. Keyes  
Chief Financial Officer  
Equillum, Inc.  
2223 Avenida de la Playa, Suite 105  
La Jolla, California 92037  
(858) 412-5302**

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Non-accelerated filer

Accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the Registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

## EXPLANATORY NOTE

This Post-Effective Amendment No. 1 to Registration Statement on Form S-8 is being filed solely to correct certain of the exhibit hyperlinks contained in the Registration Statement on Form S-8 filed with the Securities and Exchange Commission on March 27, 2019 (File No. 333-230536).

### Item 8. Exhibits.

Exhibit Number	Description
4.1	<a href="#"><u>Amended and Restated Certificate of Incorporation of the Registrant (incorporated by reference to Exhibit 3.1 of the Registrant's Current Report on Form 8-K filed on October 16, 2018).</u></a>
4.2	<a href="#"><u>Amended and Restated Bylaws of the Registrant (incorporated by reference to Exhibit 3.2 of the Registrant's Current Report on Form 8-K filed on October 16, 2018).</u></a>
4.3	<a href="#"><u>Form of Common Stock Certificate of the Registrant (incorporated by reference to Exhibit 4.1 of the Registrant's Registration Statement on Form S-1 (File No. 333-227387), as amended, originally filed on September 17, 2018).</u></a>
5.1	<a href="#"><u>Opinion of Cooley LLP (incorporated by reference to Exhibit 5.1 of the Registrant's Registration Statement on Form S-8 (File No. 333-230536) filed on March 27, 2019).</u></a>
23.1	<a href="#"><u>Consent of Independent Registered Public Accounting Firm (incorporated by reference to Exhibit 23.1 of the Registrant's Registration Statement on Form S-8 (File No. 333-230536) filed on March 27, 2019).</u></a>
23.2	<a href="#"><u>Consent of Cooley LLP. Reference is made to Exhibit 5.1.</u></a>
24.1	<a href="#"><u>Power of Attorney (incorporated by reference to the Signature Page of the Registrant's Registration Statement on Form S-8 (File No. 333-230536) filed on March 27, 2019).</u></a>
99.1	<a href="#"><u>Equillum, Inc. 2018 Equity Incentive Plan and Forms of Stock Option Grant Notice, Option Agreement and Notice of Exercise thereunder (incorporated by reference to Exhibit 99.2 of the Registrant's Registration Statement on Form S-8 (File No. 333-227859) filed on October 16, 2018).</u></a>
99.2	<a href="#"><u>Equillum, Inc. 2018 Employee Stock Purchase Plan (incorporated by reference to Exhibit 99.3 of the Registrant's Registration Statement on Form S-8 (File No. 333-227859) filed on October 16, 2018).</u></a>

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## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment No. 1 to Registration Statement on Form S-8 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of La Jolla, State of California, on May 24, 2019.

**EQUILLIUM, INC.**

By: /s/ Daniel M. Bradbury  
Daniel M. Bradbury  
**Chief Executive Officer**

Pursuant to the requirements of the Securities Act of 1933, as amended, this Post-Effective Amendment No. 1 to Registration Statement on Form S-8 has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Daniel M. Bradbury</u> <b>Daniel M. Bradbury</b>	Chief Executive Officer and Chairman of the Board of Directors <i>(Principal Executive Officer)</i>	May 24, 2019
<u>/s/ Jason A. Keyes</u> <b>Jason A. Keyes</b>	Chief Financial Officer <i>(Principal Financial and Accounting Officer)</i>	May 24, 2019
<u>/s/ Bruce D. Steel*</u> <b>Bruce D. Steel</b>	President, Chief Business Officer and Member of the Board of Directors	May 24, 2019
<u>/s/ Stephen Connelly, Ph.D.*</u> <b>Stephen Connelly, Ph.D.</b>	Chief Scientific Officer and Member of the Board of Directors	May 24, 2019
<u>/s/ Martha J. Demski*</u> <b>Martha J. Demski</b>	Member of the Board of Directors	May 24, 2019
<u>/s/ Bala S. Manian, Ph.D.*</u> <b>Bala S. Manian, Ph.D.</b>	Member of the Board of Directors	May 24, 2019
<u>/s/ Charles McDermott*</u> <b>Charles McDermott</b>	Member of the Board of Directors	May 24, 2019
<u>/s/ Mark Pruzanski, M.D.*</u> <b>Mark Pruzanski, M.D.</b>	Member of the Board of Directors	May 24, 2019

\* Pursuant to power of attorney

By: /s/ Jason A. Keyes  
**Jason Keyes**  
**Attorney-in-fact**