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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549

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FORM S-8  
REGISTRATION STATEMENT  
UNDER THE SECURITIES ACT OF 1933

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**EYENOVIA, INC.**

(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction of incorporation or organization)

**47-1178401**  
(I.R.S. Employer Identification No.)

**501 Fifth Avenue, Suite 1404**  
**New York, New York 10017**  
(Address, including zip code, of registrant's principal executive offices)

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**Eyenovia, Inc. 2018 Omnibus Stock Incentive Plan**  
(Full title of the plan)

**Tsontcho Ianchulev**  
**Chief Executive Officer**  
**501 Fifth Avenue, Suite 1404**  
**New York, NY 10017**  
**917-289-1117**  
(Name, address, including zip code, and telephone number, including area code, of agent for service)

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*Copies to:*  
**Donald R. Reynolds, Esq.**  
**S. Halle Vakani, Esq.**  
**Wyrick Robbins Yates & Ponton LLP**  
**4101 Lake Boone Trail, Suite 300**  
**Raleigh, North Carolina 27607**  
**(919) 781-4000**

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	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/> (Do not check if smaller reporting company)	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input checked="" type="checkbox"/>

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.

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**CALCULATION OF REGISTRATION FEE**

<b>Title of Securities to be Registered</b>	<b>Amount to be Registered (1)(2)</b>	<b>Proposed Maximum Offering Price Per Share (3)</b>	<b>Proposed Maximum Aggregate Offering Price (3)</b>	<b>Amount of Registration Fee</b>
Common Stock, \$0.0001 par value per share	750,000	\$ 5.39	\$ 4,042,500	\$ 503.29

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- (1) Consists of 750,000 shares reserved for issuance under the Eyenovia, Inc. 2018 Omnibus Stock Incentive Plan (the "2018 Stock Plan").
  - (2) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement also covers any additional shares of the Registrant's common stock that become issuable under the 2018 Stock Plan by reason of any stock dividend, stock split, recapitalization, or other similar transaction that results in an increase in the number of outstanding shares of the Registrant's common stock.
  - (3) Estimated in accordance with Rules 457(c) and (h) of the Securities Act solely for the purpose of calculating the registration fee based upon the average of the high and low prices of the Registrant's common stock on the Nasdaq Stock Market on August 21, 2018.
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**PART I**  
**INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS**

**Item 1. Plan Information.**

Information required by Item 1 is included in documents sent or given by Eyenovia, Inc. (the “Registrant”) to participants in the plan covered by this Registration Statement pursuant to Rule 428(b)(1) of the Securities Act.

**Item 2. Registrant Information and Employee Plan Annual Information.**

The written statement required by Item 2 is included in documents sent or given by the Registrant to participants in the plan covered by this Registration Statement pursuant to Rule 428(b)(1) of the Securities Act.

**PART II**  
**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

The following documents previously filed by the Registrant with the Securities and Exchange Commission (the “Commission”) are incorporated herein by reference:

- (a) The Registrant’s Annual Report on Form 10-K for the fiscal year ended December 31, 2017, filed with the Commission pursuant to Section 13(a) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) on April 2, 2018;
- (b) The Registrant’s Quarterly Report on Form 10-Q for the quarters ended March 31, 2018 and June 30, 2018, filed with the Commission pursuant to Section 13(a) of the Exchange Act on May 9, 2018 and August 14, 2018, respectively;
- (c) The Registrant’s Current Reports on Form 8-K, filed with the Commission pursuant to Section 13(a) of the Exchange Act on January 29, March 12, March 26 and June 14, 2018; and
- (d) The description of the Registrant’s common stock contained in the Registrant’s Registration Statement on Form S-1, which description is incorporated by reference into the Form 8-A filed with the Commission on January 24, 2018, pursuant to the Exchange Act and any amendment or report filed for the purpose of updating such description.

All documents filed, but not furnished, by the Registrant pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date hereof and prior to the filing of a post-effective amendment that indicates that all securities offered under this Registration Statement have been sold or which deregisters all securities then remaining unsold shall be deemed to be incorporated by reference herein and to be a part hereof from the date of filing of such documents. In no event, however, will any of the information, including exhibits, that the Registrant discloses under Item 2.02 and Item 7.01 of any report on Form 8-K that has been or may be, from time to time, furnished to the Commission, be incorporated by reference into or otherwise become a part of this Registration Statement.

Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for purposes hereof to the extent that a statement contained herein (or in any other subsequently filed document that also is or is deemed to be incorporated by reference herein) modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed to constitute a part hereof except as so modified or superseded.

**Item 4. Description of Securities.**

Not applicable. The class of securities to be offered is registered under Section 12 of the Exchange Act.

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**Item 5. Interests of Named Experts and Counsel.**

Not applicable.

**Item 6. Indemnification of Directors and Officers.**

The Registrant is incorporated under the laws of the State of Delaware. Section 145 of the Delaware General Corporation Law (“DGCL”) provides that a Delaware corporation may indemnify any persons who are, or are threatened to be made, parties to any threatened, pending, or completed action, suit, or proceeding, whether civil, criminal, administrative, or investigative (other than an action by or in the right of such corporation), by reason of the fact that such person was an officer, director, employee, or agent of such corporation, or is or was serving at the request of such person as an officer, director, employee, or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys’ fees), judgments, fines, and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit, or proceeding, provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation’s best interests and, with respect to any criminal action or proceeding, had no reasonable cause to believe that his or her conduct was illegal. A Delaware corporation may indemnify any person who is, or is threatened to be made, a party to any threatened, pending, or completed action or suit by or in the right of the corporation by reason of the fact that such person was a director, officer, employee, or agent of such corporation, or is or was serving at the request of such corporation as a director, officer, employee, or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys’ fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit provided such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation’s best interests, except that no indemnification is permitted without judicial approval if the officer or director is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in the defense of any action referred to above, the corporation must indemnify him or her against the expenses which such officer or director has actually and reasonably incurred. Our certificate of incorporation and bylaws provide for the indemnification of our directors and officers to the fullest extent permitted under the DGCL.

Section 102(b)(7) of the DGCL permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability for any:

- breach of a director’s duty of loyalty to the corporation or its stockholders;
- act or omission not in good faith or that involves intentional misconduct or a knowing violation of law;
- unlawful payment of dividends, stock purchase or redemption of shares; or
- transaction from which the director derives an improper personal benefit.

Our certificate of incorporation includes a provision providing for the limitation of liability to the maximum extent permitted under the DGCL. Expenses incurred by any officer or director in defending any proceeding in advance of its final disposition shall be paid by us upon delivery to us of an undertaking by or on behalf of such director or officer, to repay all amounts advanced if it should ultimately be determined that such director or officer is not entitled to be indemnified by us.

Section 174 of the DGCL provides, among other things, that a director, who willfully or negligently approves of an unlawful payment of dividends or an unlawful stock purchase or redemption, may be held liable for such actions. A director who was either absent when the unlawful actions were approved, or dissented at the time, may avoid liability by causing his or her dissent to such actions to be entered on the books containing minutes of the meetings of the board of directors at the time such action occurred or immediately after such absent director receives notice of the unlawful acts.

The Registrant maintains a directors’ and officers’ liability insurance policy. The policy insures directors and officers against uninsured losses arising from certain wrongful acts in their capacities as directors and officers and reimburses us for those losses for which we have lawfully indemnified the directors and officers. The policy contains various exclusions.

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**Item 7. Exemption From Registration Claimed.**

Not applicable.

**Item 8. Exhibits.**

The following exhibits are filed as part of this Registration Statement:

<u>Exhibit No.</u>	<u>Description</u>
<a href="#">4.1</a>	<a href="#">Third Amended and Restated Certificate of Incorporation of Eyenovia, Inc. (incorporated by reference to Registrant's Form 8-K filed with the Commission on January 29, 2018).</a>
<a href="#">4.2</a>	<a href="#">Certificate of Amendment of Third Amended and Restated Certificate of Incorporation of Eyenovia, Inc. (incorporated by reference to Registrant's Form 8-K filed with the Commission on June 14, 2018).</a>
<a href="#">4.3</a>	<a href="#">Amended and Restated Bylaws of Eyenovia, Inc. (incorporated by reference to Registrant's Form 8-K filed with the Commission on March 12, 2018).</a>
<a href="#">5.1*</a>	<a href="#">Opinion of Wyrick Robbins Yates &amp; Ponton LLP.</a>
<a href="#">10.13</a>	<a href="#">Eyenovia, Inc. 2018 Omnibus Stock Incentive Plan (incorporated by reference Registrant's Form 8-K filed with the Commission on June 14, 2018).</a>
<a href="#">23.1*</a>	<a href="#">Consent of Marcum LLP, Independent Registered Public Accounting Firm.</a>
<a href="#">23.2*</a>	<a href="#">Consent of Wyrick Robbins Yates &amp; Ponton LLP (included in Exhibit 5.1).</a>
<a href="#">24.1*</a>	<a href="#">Power of Attorney (included on the signature page to this Registration Statement on Form S-8).</a>

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\* Filed herewith

**Item 9. Undertakings.**

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

- (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;
- (ii) To reflect in the prospectus any facts or events arising after the effective date of this Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement;
- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

*provided, however*, that paragraphs (a)(1)(i) and (a)(1)(ii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

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(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement related to the securities offered therein, and the offering of such securities at the time shall be deemed to be the initial bona fide offering thereof.

(h) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

**[THE NEXT PAGE IS THE SIGNATURE PAGE]**

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## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, 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 Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of New York, State of New York, on the 27<sup>th</sup> day of August, 2018.

### EYENOVIA, INC.

By: /s/ Tsontcho Ianchulev  
Tsontcho Ianchulev  
Chief Executive Officer

## POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Tsontcho Ianchulev and John Gandolfo, and each of his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him and his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Capacity</u>	<u>Date</u>
<u>/s/ Tsontcho Ianchulev</u> Tsontcho Ianchulev	Chief Executive Officer (principal executive officer) and Director	August 27, 2018
<u>/s/ John Gandolfo</u> John Gandolfo	Chief Financial Officer (principal financial and accounting officer)	August 27, 2018
<u>/s/ Fredric N. Eshelman</u> Fredric N. Eshelman	Chairman of the Board and Director	August 27, 2018
<u>/s/ Curt H. LaBelle</u> Curt H. LaBelle	Director	August 27, 2018
<u>/s/ Kenneth B. Lee, Jr.</u> Kenneth B. Lee, Jr.	Director	August 27, 2018
<u>/s/ Ernst Mario</u> Ernst Mario	Director	August 27, 2018
<u>/s/ Charles E. Mather IV</u> Charles E. Mather IV	Director	August 27, 2018
<u>/s/ Anthony Y. Sun</u> Anthony Y. Sun	Director	August 27, 2018
<u>/s/ Shuhei Yoshida</u> Shuhei Yoshida	Director	August 27, 2018

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Wyrick Robbins Yates & Ponton LLP  
4101 Lake Boone Trail, Suite 300  
Raleigh, North Carolina 27607-7506

August 27, 2018

Eyenovia, Inc.  
501 Fifth Avenue, Suite 1404  
New York, New York 10017

Re: Registration Statement on Form S-8

Ladies and Gentlemen:

We have examined the Registration Statement on Form S-8 filed on or about the date hereof by Eyenovia, Inc., a Delaware corporation (the "Registrant"), with the Securities and Exchange Commission (the "Registration Statement"), in connection with the registration under the Securities Act of 1933, as amended, of 750,000 shares of the Registrant's common stock, \$0.0001 par value per share (the "Shares"). We understand the Shares are to be issued pursuant to the Registrant's 2018 Omnibus Stock Incentive Plan (the "Plan"). In our examination, we have assumed the genuineness of all signatures, the authenticity of all documents submitted to us as originals and the conformity with the original of all documents submitted to us as copies thereof. As your legal counsel, we have examined the proceedings taken, and are familiar with the proceedings proposed to be taken, in connection with the sale of the Shares pursuant to the Plan.

It is our opinion that, upon completion of the proceedings being taken or contemplated by us, as your counsel, to be taken prior to the issuance of the Shares, the Shares when issued in the manner referred to in the Registration Statement and in accordance with the Plan, will be validly issued, fully paid and nonassessable.

We consent to the use of this opinion as an exhibit to the Registration Statement and further consent to the use of our name wherever appearing in the Registration Statement, including the prospectus constituting a part thereof, and any amendments thereto.

Very truly yours,

/s/ WYRICK ROBBINS YATES & PONTON LLP

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INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM'S CONSENT

We consent to the incorporation by reference in this Registration Statement of Eyenovia, Inc. on Form S-8 of our report dated April 2, 2018 with respect to our audits of the financial statements of Eyenovia, Inc. as of December 31, 2017 and 2016 and for the years then ended appearing in the Annual Report on Form 10-K of Eyenovia, Inc. for the year ended December 31, 2017. We also consent to the reference to our firm under the heading "Experts" in the Prospectus, which is part of this Registration Statement.

/s/ Marcum llp

Marcum llp  
New York, NY  
August 27, 2018

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