

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM S-3
REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

CYNGN INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

7371

(Primary Standard Industrial
Classification Code Number)

46-2007094

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

**1015 O'Brien Dr.
Menlo Park, CA 94025
(650) 924-5905**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive office)

**Lior Tal
Chief Executive Officer
1015 O'Brien Dr.,
Menlo Park, CA 94025
(650) 924-5905**

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

Copies to:

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Marcelle S. Balcombe, Esq.
Sichenzia Ross Ference LLP
1185 Avenue of the Americas, 31st Floor
New York, NY 10036
(212) 930-9700**

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this registration statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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.

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the Registration Statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. We may not sell the securities described herein until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell the securities described herein and we are not soliciting offers to buy such securities in any state where such offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED MAY 2, 2023

PROSPECTUS



CYNGN INC.

\$50,000,000

**COMMON STOCK
PREFERRED STOCK
WARRANTS
RIGHTS
UNITS**

We may from time to time, in one or more offerings at prices and on terms that we will determine at the time of each offering, sell common stock, preferred stock, warrants, rights, or a combination of these securities, or units, for an aggregate initial offering price of up to \$50,000,000. This prospectus describes the general manner in which our securities may be offered using this prospectus. Each time we offer and sell securities, we will provide you with a prospectus supplement that will contain specific information about the terms of that offering. Any prospectus supplement may also add, update, or change information contained in this prospectus. You should carefully read this prospectus and the applicable prospectus supplement as well as the documents incorporated or deemed to be incorporated by reference in this prospectus before you purchase any of the securities offered hereby.

This prospectus may not be used to offer and sell securities unless accompanied by a prospectus supplement.

Our common stock is listed on The Nasdaq Capital Market under the symbol "CYN". On May 1, 2023, the last reported sale price of our common stock was \$1.05.

The aggregate market value of our outstanding common stock held by non-affiliates is approximately \$26,316,196 based on 33,723,669 shares of outstanding common stock, of which 15,059,700 shares are held by affiliates, and a per share price of \$1.41, which was the closing sale price of our common stock as quoted on the Nasdaq Capital Market on April 18, 2023. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell securities registered on the registration statement of which this prospectus is a part with a value of more than one-third of the aggregate market value of our common stock held by non-affiliates in any 12-month period, so long as the aggregate market value of our common stock held by non-affiliates is less than \$75,000,000. During the 12 calendar month period that ends on, and includes, the date of this prospectus, we have not offered and sold any of our securities pursuant to General Instruction I.B.6 of Form S-3.

The securities offered by this prospectus involve a high degree of risk. See "Risk Factors" beginning on page 4, in addition to Risk Factors contained in the applicable prospectus supplement.

Neither the SEC nor any state securities commission has approved or disapproved of these securities or passed upon the accuracy or adequacy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2023

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the U.S. Securities and Exchange Commission, or the SEC, using the “shelf” registration process. Under this shelf registration process, we may offer and sell, either individually or in combination, in one or more offerings, any of the securities described in this prospectus, for total gross proceeds of up to \$50,000,000.

This prospectus provides you with a general description of the securities we may offer. Each time that we offer and sell securities under this prospectus, we will provide a prospectus supplement to this prospectus that contains specific information about the securities being offered and sold and the specific terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus with respect to that offering. If there is any inconsistency between the information in this prospectus and the applicable prospectus supplement, you should rely on the prospectus supplement. Before purchasing any securities, you should carefully read both this prospectus and the applicable prospectus supplement, together with the additional information described under the headings “Where You Can Find More Information” and “Incorporation of Certain Documents by Reference.”

We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We will not make an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus and the applicable prospectus supplement to this prospectus is accurate as of the date on its respective cover, and that any information incorporated by reference is accurate only as of the date of the document incorporated by reference, unless we indicate otherwise. Our business, financial condition, results of operations and prospects may have changed since those dates.

As used in this prospectus and unless otherwise indicated, the terms “we,” “us,” “our,” “Cyngn,” or the “Company” refer to CYNGN Inc. and its consolidated subsidiaries.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents and information incorporated by reference in this prospectus include forward-looking statements. Forward-looking statements give current expectations or forecasts of future events or our future financial or operating performance. These forward-looking statements involve risks and uncertainties, including statements regarding our capital needs, business strategy and expectations. Any statements that are not of historical fact may be deemed to be forward-looking statements. In some cases you can identify forward-looking statements by terminology such as “may,” “will,” “should,” “expect,” “plan,” “intend,” “anticipate,” “believe,” “estimate,” “predict,” “potential,” or “continue”, the negative of the terms or other comparable terminology. Actual events or results may differ materially from the anticipated results or other expectations expressed in the forward-looking statements.

These forward-looking statements reflect our management’s beliefs and views with respect to future events, are based on estimates and assumptions as of the date of this prospectus and are subject to risks and uncertainties, many of which are beyond our control, that could cause our actual results to differ materially from those in these forward-looking statements. We discuss many of these risks in greater detail in this prospectus under “Risk Factors” and in our Annual Report on Form 10-K filed with the SEC on March 17, 2023, as well as those described in the other documents we file with the SEC. These factors may cause our actual results to differ materially from any forward-looking statements. We disclaim any obligation to publicly update these statements, or disclose any difference between actual results and those reflected in these statements, except as may be required under applicable law.

Moreover, new risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. Given these uncertainties, you should not place undue reliance on these forward-looking statements.

We do not undertake and specifically decline any obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by applicable laws or regulations.

ABOUT CYNGN INC.

Overview

We are an autonomous vehicle (“AV”) technology company that is focused on addressing industrial uses for autonomous vehicles. We believe that technological innovation is needed to enable adoption of autonomous industrial vehicles that will address the substantial industry challenges that exist today. These challenges include labor shortages, lagging technological advancements from incumbent vehicle manufacturers, and high upfront investment commitment.

According to the “Trends in Supporting and Scaling Modern Automation” report by Ricoh & ABI Research Report, historically, less than 1% of industrial vehicle equipment shipped by top manufacturers has been automated. Despite these low penetration rates, the benefits of industrial vehicle automation can produce operational efficiency gains of upwards of 50%, according to the “Industry 4.0: Reimagining manufacturing operations after COVID 19” article by McKinsey & Company. As automation proliferates, these industries will gradually shift to service-based models that will decrease upfront capital expenditures and create new revenue streams while unlocking new value in the supply chain. Our Autonomous Vehicle (“AV”) technology is uniquely positioned to capitalize upon these changes by offering a universal autonomy solution that can deliver self-driving capabilities and data insights to nearly every industrial vehicle on the market.

We integrate our full-stack autonomous driving software, DriveMod, onto vehicles manufactured by Original Equipment Manufacturers (“OEM”) either via retrofit of existing vehicles or by integration directly into vehicle assembly. We design the Enterprise Autonomy Suite (“EAS”) to be compatible with sensors and components from leading hardware technology providers and integrate our proprietary AV software to produce differentiated autonomous vehicles.

Autonomous driving has common technological building blocks that remain similar across vehicles and applications. By tapping into these building blocks, DriveMod is designed to deliver autonomy to new vehicles via streamlined hardware/software integration. This vehicle-agnostic approach enables DriveMod to expand to new vehicles and novel operational design domains (“ODD”). In short, almost every industrial vehicle, regardless of use case, can move autonomously using our technology.

Our approach accomplishes several primary value propositions:

1. Brings autonomous capabilities to vehicles built by proven manufacturers that are already trusted by customers.
2. Generates continual customer value by leveraging the synergistic relationship of autonomous vehicles and data.
3. Creates consistent autonomous vehicle operation and interfaces for diverse fleets.
4. Complements the core competencies of existing industry players by introducing leading-edge technologies like Artificial Intelligence (“AI”) and Machine Learning (“ML”), cloud/connectivity, sensor fusion, high-definition mapping, and real-time dynamic path planning & decision making.

We believe our market positioning as a technology partner to vehicle manufacturers creates a synergy with incumbent suppliers that already have established sales, distribution, and service/maintenance channels. By focusing on industrial use cases and partnering with the incumbent OEMs in these spaces, we believe we can source and execute revenue-generating opportunities more quickly.

Our long-term vision is for EAS to become a universal autonomous driving solution with minimal marginal cost for companies to adopt new vehicles and expand their autonomous fleets across new deployments. We have already deployed DriveMod software on more than ten different vehicle form factors that range from stockchasers and stand-on floor scrubbers to 14-seat shuttles and electric forklifts as part of prototypes and proof of concept projects, demonstrating the extensibility of our AV building blocks.

Our Corporate Information

The Company was originally incorporated in the State of Delaware on February 1, 2013, under the name Cyanogen, Inc. or Cyanogen. The Company started as a venture funded company with offices in Seattle and Palo Alto, aimed at commercializing CyanogenMod, direct to consumer and through collaborations with mobile phone manufacturers. CyanogenMod was an open-source operating system for mobile devices, based on the Android mobile platform.

Between 2013 and 2015, Cyanogen released multiple versions of its mobile operating system, and collaborated with an ecosystem of companies including mobile phone OEMs, content providers and leading technology partners.

In 2016 the Company’s management and board of directors, determined to pivot its product focus and commercial direction from the mobile device and telecom space to industrial and commercial autonomous driving. In May 2017, the Company changed its name to CYNGN Inc.

Our principal executive offices are located at 1015 O’Brien Dr., Menlo Park, CA 94025, and our telephone number is (650) 924-5905. We maintain our corporate website at www.cyngn.com. Information on our website does not constitute a part of, nor is it incorporated in any way, into this prospectus and should not be relied upon in connection with making an investment decision.

RISK FACTORS

Investing in our securities involves a high degree of risk. Before making an investment decision, you should consider carefully the risks, uncertainties and other factors described in our most recent Annual Report on Form 10-K, as supplemented and updated by subsequent quarterly reports on Form 10-Q and current reports on Form 8-K that we have filed or will file with the SEC, which are incorporated by reference into this prospectus.

Our business, affairs, prospects, assets, financial condition, results of operations and cash flows could be materially and adversely affected by these risks. For more information about our SEC filings, please see “Where You Can Find More Information”.

USE OF PROCEEDS

Unless otherwise indicated in a prospectus supplement, we intend to use the net proceeds from the sale of the securities under this prospectus for general corporate purposes, including working capital.

DESCRIPTION OF COMMON STOCK

General

We are authorized to issue 100,000,000 shares of common stock, par value of \$0.00001 per share.

Each holder of common stock is entitled to one vote for each share on all matters submitted to a vote of the stockholders, including the election of directors. Our restated certificate of incorporation and amended and restated bylaws do not provide for cumulative voting rights. Because of this, the holders of a plurality of the shares of common stock entitled to vote in any election of directors can elect all of the directors standing for election, if they should so choose. With respect to matters other than the election of directors, at any meeting of the stockholders at which a quorum is present or represented, the affirmative vote of a majority of the voting power of the shares present in person or represented by proxy at such meeting and entitled to vote on the subject matter shall be the act of the stockholders, except as otherwise required by law. The holders of a majority of the stock issued and outstanding and entitled to vote, present in person or represented by proxy, shall constitute a quorum for the transaction of business at all meetings of the stockholders.

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Continental Stock Transfer & Trust Company.

Listing

Our common stock is currently listed on the NASDAQ Capital Market under the symbol "CYN."

DESCRIPTION OF PREFERRED STOCK

We are authorized to issue up to 10,000,000 shares of preferred stock, par value \$0.00001 per share, from time to time, in one or more series. We do not have any outstanding shares of preferred stock.

Our certificate of incorporation authorizes our board of directors to issue preferred stock from time to time with such designations, preferences, conversion or other rights, voting powers, restrictions, dividends or limitations as to dividends or other distributions, qualifications or terms or conditions of redemption as shall be determined by the board of directors for each class or series of stock. Preferred stock is available for possible future financings or acquisitions and for general corporate purposes without further authorization of stockholders unless such authorization is required by applicable law, or any securities exchange or market on which our stock is then listed or admitted to trading.

Our board of directors may authorize the issuance of preferred stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of common stock. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions and other corporate purposes could, under some circumstances, have the effect of delaying, deferring or preventing a change-in-control of the Company.

A prospectus supplement relating to any series of preferred stock being offered will include specific terms relating to the offering. Such prospectus supplement will include:

- the title and stated or par value of the preferred stock;
- the number of shares of the preferred stock offered, the liquidation preference per share and the offering price of the preferred stock;
- the dividend rate(s), period(s) and/or payment date(s) or method(s) of calculation thereof applicable to the preferred stock;
- whether dividends shall be cumulative or non-cumulative and, if cumulative, the date from which dividends on the preferred stock shall accumulate;
- the provisions for a sinking fund, if any, for the preferred stock;
- any voting rights of the preferred stock;
- the provisions for redemption, if applicable, of the preferred stock;
- any listing of the preferred stock on any securities exchange;
- the terms and conditions, if applicable, upon which the preferred stock will be convertible into our common stock, including the conversion price or the manner of calculating the conversion price and conversion period;
- if appropriate, a discussion of Federal income tax consequences applicable to the preferred stock; and
- any other specific terms, preferences, rights, limitations or restrictions of the preferred stock.

The terms, if any, on which the preferred stock may be convertible into or exchangeable for our common stock will also be stated in the preferred stock prospectus supplement. The terms will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at our option, and may include provisions pursuant to which the number of shares of our common stock to be received by the holders of preferred stock would be subject to adjustment.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of preferred stock or common stock. Warrants may be issued independently or together with any preferred stock or common stock, and may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between a warrant agent specified in the agreement and us. The warrant agent will act solely as our agent in connection with the warrants of that series and will not assume any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants. This summary of some provisions of the warrants is not complete. You should refer to the warrant agreement, including the forms of warrant certificate representing the warrants, relating to the specific warrants being offered for the complete terms of the warrant agreement and the warrants. The warrant agreement, together with the terms of the warrant certificate and warrants, will be filed with the SEC in connection with the offering of the specific warrants.

The applicable prospectus supplement will describe the following terms, where applicable, of the warrants in respect of which this prospectus is being delivered:

- the title of the warrants;
- the aggregate number of the warrants;
- the price or prices at which the warrants will be issued;
- the designation, amount and terms of the offered securities purchasable upon exercise of the warrants;
- if applicable, the date on and after which the warrants and the offered securities purchasable upon exercise of the warrants will be separately transferable;
- the terms of the securities purchasable upon exercise of such warrants and the procedures and conditions relating to the exercise of such warrants;
- any provisions for adjustment of the number or amount of securities receivable upon exercise of the warrants or the exercise price of the warrants;
- the price or prices at which and currency or currencies in which the offered securities purchasable upon exercise of the warrants may be purchased;
- the date on which the right to exercise the warrants shall commence and the date on which the right shall expire;
- the minimum or maximum amount of the warrants that may be exercised at any one time;
- information with respect to book-entry procedures, if any;
- if appropriate, a discussion of Federal income tax consequences; and
- any other material terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

Warrants for the purchase of common stock or preferred stock will be offered and exercisable for U.S. dollars only. Warrants will be issued in registered form only.

Upon receipt of payment and the warrant certificate properly completed and duly executed at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement, we will, as soon as practicable, forward the purchased securities. If less than all of the warrants represented by the warrant certificate are exercised, a new warrant certificate will be issued for the remaining warrants.

Prior to the exercise of any warrants to purchase preferred stock or common stock, holders of the warrants will not have any of the rights of holders of the common stock or preferred stock purchasable upon exercise, including in the case of warrants for the purchase of common stock or preferred stock, the right to vote or to receive any payments of dividends on the preferred stock or common stock purchasable upon exercise.

DESCRIPTION OF RIGHTS

This section describes the general terms of the rights that we may offer and sell by this prospectus. This prospectus and any accompanying prospectus supplement will contain the material terms and conditions for each right. The accompanying prospectus supplement may add, update or change the terms and conditions of the rights as described in this prospectus.

The particular terms of each issue of rights, the rights agreement relating to the rights and the rights certificates representing rights will be described in the applicable prospectus supplement, including, as applicable:

- the title of the rights;
- the date of determining the stockholders entitled to the rights distribution;
- the title, aggregate number of shares of common stock or preferred stock purchasable upon exercise of the rights;
- the exercise price;
- the aggregate number of rights issued;
- the date, if any, on and after which the rights will be separately transferable;
- the date on which the right to exercise the rights will commence and the date on which the right will expire; and
- any other terms of the rights, including terms, procedures and limitations relating to the distribution, exchange and exercise of the rights.

DESCRIPTION OF UNITS

As specified in the applicable prospectus supplement, we may issue units consisting of shares of common stock, shares of preferred stock or warrants or any combination of such securities.

The applicable prospectus supplement will specify the following terms of any units in respect of which this prospectus is being delivered:

- the terms of the units and of any of the common stock, preferred stock and warrants comprising the units, including whether and under what circumstances the securities comprising the units may be traded separately;
- a description of the terms of any unit agreement governing the units; and
- a description of the provisions for the payment, settlement, transfer or exchange of the units.

PLAN OF DISTRIBUTION

We may sell the securities offered through this prospectus (i) to or through underwriters or dealers, (ii) directly to purchasers, including our affiliates, (iii) through agents, or (iv) through a combination of any these methods. The securities may be distributed at a fixed price or prices, which may be changed, market prices prevailing at the time of sale, prices related to the prevailing market prices, or negotiated prices. The prospectus supplement will include the following information:

- the terms of the offering;
- the names of any underwriters or agents;
- the name or names of any managing underwriter or underwriters;
- the purchase price of the securities;
- any over-allotment options under which underwriters may purchase additional securities from us;
- the net proceeds from the sale of the securities;
- any delayed delivery arrangements;
- any underwriting discounts, commissions and other items constituting underwriters' compensation;
- any initial public offering price;
- any discounts or concessions allowed or reallocated or paid to dealers;
- any commissions paid to agents; and
- any securities exchange or market on which the securities may be listed.

Sale Through Underwriters or Dealers

Only underwriters named in the prospectus supplement are underwriters of the securities offered by the prospectus supplement.

If underwriters are used in the sale, the underwriters will acquire the securities for their own account, including through underwriting, purchase, security lending or repurchase agreements with us. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions. Underwriters may sell the securities in order to facilitate transactions in any of our other securities (described in this prospectus or otherwise), including other public or private transactions and short sales. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless otherwise indicated in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallocated or paid to dealers.

If dealers are used in the sale of securities offered through this prospectus, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The prospectus supplement will include the names of the dealers and the terms of the transaction.

Direct Sales and Sales Through Agents

We may sell the securities offered through this prospectus directly. In this case, no underwriters or agents would be involved. Such securities may also be sold through agents designated from time to time. The prospectus supplement will name any agent involved in the offer or sale of the offered securities and will describe any commissions payable to the agent. Unless otherwise indicated in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. The terms of any such sales will be described in the prospectus supplement.

Delayed Delivery Contracts

If the prospectus supplement indicates, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase securities at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The applicable prospectus supplement will describe the commission payable for solicitation of those contracts.

Continuous Offering Program

Without limiting the generality of the foregoing, we may enter into a continuous offering program equity distribution agreement with a broker-dealer, under which we may offer and sell shares of our common stock from time to time through a broker-dealer as our sales agent. If we enter into such a program, sales of the shares of common stock, if any, will be made by means of ordinary brokers' transactions on the Nasdaq Capital Market or other market on which our shares may then trade at market prices, block transactions and such other transactions as agreed upon by us and the broker-dealer. Under the terms of such a program, we also may sell shares of common stock to the broker-dealer, as principal for its own account at a price agreed upon at the time of sale. If we sell shares of common stock to such broker-dealer as principal, we will enter into a separate terms agreement with such broker-dealer, and we will describe this agreement in a separate prospectus supplement or pricing supplement.

Market Making, Stabilization and Other Transactions

Unless the applicable prospectus supplement states otherwise, other than our common stock, all securities we offer under this prospectus will be a new issue and will have no established trading market. We may elect to list offered securities on an exchange or in the over-the-counter market. Any underwriters that we use in the sale of offered securities may make a market in such securities, but may discontinue such market making at any time without notice. Therefore, we cannot assure you that the securities will have a liquid trading market.

Any underwriter may also engage in stabilizing transactions, syndicate covering transactions and penalty bids in accordance with Rule 104 under the Securities Exchange Act. Stabilizing transactions involve bids to purchase the underlying security in the open market for the purpose of pegging, fixing or maintaining the price of the securities. Syndicate covering transactions involve purchases of the securities in the open market after the distribution has been completed in order to cover syndicate short positions.

Penalty bids permit the underwriters to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a syndicate covering transaction to cover syndicate short positions. Stabilizing transactions, syndicate covering transactions and penalty bids may cause the price of the securities to be higher than it would be in the absence of the transactions. The underwriters may, if they commence these transactions, discontinue them at any time.

General Information

Agents, underwriters, and dealers may be entitled, under agreements entered into with us, to indemnification by us against certain liabilities, including liabilities under the Securities Act. Our agents, underwriters, and dealers, or their affiliates, may be customers of, engage in transactions with or perform services for us, in the ordinary course of business.

LEGAL MATTERS

Unless otherwise indicated in the applicable prospectus supplement, the validity of the securities offered by this prospectus, and any supplement thereto, will be passed upon for us by Sichenzia Ross Ference LLP, New York, New York. Additional legal matters may be passed upon for us or any underwriters, dealers or agents, by counsel that we will name in the applicable prospectus supplement.

EXPERTS

The consolidated balance sheets of the Company as of December 31, 2022 and 2021, the related consolidated statements of operations, stockholders' equity and cash flows for each of the two years in the period ended December 31, 2022 and the related notes, have been audited by Marcum LLP, independent registered public accounting firm, as stated in their report which is incorporated herein by reference. Such financial statements have been incorporated herein by reference in reliance on the report of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus constitutes a part of a registration statement on Form S-3 filed under the Securities Act. As permitted by the SEC's rules, this prospectus and any prospectus supplement, which form a part of the registration statement, do not contain all the information that is included in the registration statement. You will find additional information about us in the registration statement. Any statements made in this prospectus or any prospectus supplement concerning legal documents are not necessarily complete and you should read the documents that are filed as exhibits to the registration statement or otherwise filed with the SEC for a more complete understanding of the document or matter.

The SEC maintains an Internet site that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC. The SEC's Internet site can be found at <http://www.sec.gov>. You can also obtain copies of materials we file with the SEC from our website found at www.cyngn.com. Information on our website does not constitute a part of, nor is it incorporated in any way, into this prospectus and should not be relied upon in connection with making an investment decision.

INFORMATION INCORPORATED BY REFERENCE

The SEC allows us to “incorporate by reference” into this prospectus the information in documents we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be a part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. Any statement contained in any document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in or omitted from this prospectus or any accompanying prospectus supplement, or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein, modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We incorporate by reference the documents listed below and any future documents that we file with the SEC (excluding any portion of such documents that are furnished and not filed with the SEC) under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (i) after the date of the initial filing of the registration statement of which this prospectus forms a part prior to the effectiveness of the registration statement and (ii) after the date of this prospectus until the offering of the securities is terminated:

- our Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2022 filed with the SEC on March 17, 2023;
- our Current Report on [Form 8-K](#) filed with the SEC on March 29, 2023; and
- the description of our common stock contained in our Registration Statement on [Form 8-A](#) registering our common stock under Section 12(b) under the Exchange Act, filed with the SEC on October 19, 2021.



\$50,000,000

Common Stock
Preferred Stock
Warrants
Rights
Units

PROSPECTUS

, 2023

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth an estimate of the fees and expenses, other than the underwriting discounts and commissions, payable by us in connection with the issuance and distribution of the securities being registered. All amounts shown are estimates, except the SEC registration fee and FINRA filing fee.

Expense	Amount
SEC registration fee	\$ 5,510
FINRA filing fee	8,000
Legal fees and expenses	25,000(1)(2)
Accounting fees and expenses	20,000(1)(2)
Miscellaneous expenses	5,000(2)
Total	\$ 63,510

- (1) Represents fees incurred in connection with the filing of this shelf registration statement. We will incur additional legal and accounting fees and expenses based on the type of securities offered and the number of issuances and accordingly cannot be estimated at this time.
- (2) An estimate of the aggregate expenses in connection with the sale and distribution of securities being offered will be included in the applicable prospectus supplement.

Item 15. Indemnification of Officers and Directors.

Indemnification Agreements

On October 29, 2021, the Board of Directors entered into indemnification agreements with each of its directors and executive officers (the “D&O Indemnification Agreements”). The D&O Indemnification Agreements provide that the Corporation will indemnify each of its directors, executive officers, and such other key employees against any and all expenses incurred by that director or executive officer because of his or her status as one of the Corporation’s directors or executive officers, to the fullest extent permitted by Delaware law and the Corporation’s amended and restated certificate of incorporation. In addition, the D&O Indemnification Agreements provide that, to the fullest extent permitted by Delaware law, the Corporation will advance all expenses incurred by its directors, executive officers, and other key employees in connection with a legal proceeding involving his or her status as a director, executive officer, or key employee.

Limitation of Liability and Indemnification of Officers and Directors

Our certificate of incorporation, as amended and restated, limits the liability of directors to the maximum extent permitted by Delaware General Corporation Law (the “DGCL”). The DGCL provides that directors of a corporation will not be personally liable for monetary damages for breach of their fiduciary duties as directors.

Our bylaws provide that we will indemnify our directors and officers to the fullest extent permitted by law, and may indemnify employees and other agents. Our bylaws also provide that we are obligated to advance expenses incurred by a director or officer in advance of the final disposition of any action or proceeding.

Our bylaws, subject to the provisions of the DGCL contain provisions which allow the corporation to indemnify any person against liabilities and other expenses incurred as the result of defending or administering any pending or anticipated legal issue in connection with service to us if it is determined that person acted in good faith and in a manner which he or she reasonably believed was in the best interest of the corporation. Insofar as indemnification for liabilities arising under the Securities Act of 1933 as amended, or the Securities Act, may be permitted to our directors, officers and controlling persons, we have been advised that in the opinion of the Securities and Exchange Commission, such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable.

The limitation of liability and indemnification provisions in our bylaws may discourage stockholders from bringing a lawsuit against directors for breach of their fiduciary duties. They may also reduce the likelihood of derivative litigation against directors and officers, even though an action, if successful, might provide a benefit to us and our stockholders. Our results of operations and financial condition may be harmed to the extent we pay the costs of settlement and damage awards against directors and officers pursuant to these indemnification provisions.

At present, there is no pending litigation or proceeding involving any of our directors or officers as to which indemnification is required or permitted, and we are not aware of any threatened litigation or proceeding that may result in a claim for indemnification.

Item 16. Exhibits.

Exhibit Number	Description
3.1	Fourth Amended and Restated Certificate of Incorporation of Registrant incorporated by reference to Exhibit 3.1 to the Company's Amendment to the Registration Statement on Form S-1 (No. 333-259278) filed with the SEC on October 15, 2021.
3.2	Certificate of Amendment to the Fourth Amended and Restated Certificate of Incorporation of Registrant incorporated by reference to Exhibit 3.2 to the Company's Amendment to the Registration Statement on Form S-1 (No. 333-259278) filed with the SEC on October 15, 2021.
3.3	Second Certificate of Amendment to the Fourth Amended and Restated Certificate of Incorporation of Registrant incorporated by reference to Exhibit 3.3 to the Company's Amendment to the Registration Statement on Form S-1 (No. 333-259278) filed with the SEC on October 15, 2021.
3.4	Third Certificate of Amendment to the Fourth Amended and Restated Certificate of Incorporation of Registrant incorporated by reference to Exhibit 3.4 to the Company's Amendment to the Registration Statement on Form S-1 (No. 333-259278) filed with the SEC on October 15, 2021.
3.5	Fourth Certificate of Amendment to the Fourth Amended and Restated Certificate of Incorporation of Registrant incorporated by reference to Exhibit 3.5 to the Company's Amendment to the Registration Statement on Form S-1 (No. 333-259278) filed with the SEC on October 15, 2021.
3.6	Fifth Amended and Restated Certificate of Incorporation of Registrant incorporated by reference to Exhibit 3.6 to the Company's Quarterly Report on Form 10-Q filed with the SEC on November 19, 2021.
3.7	Amended and Restated Bylaws of Registrant, incorporated by reference to Exhibit 3.8 to the Company's Amendment to the Registration Statement on Form S-1 (No. 333-259278) filed with the SEC on October 15, 2021.
4.1*	Form of Certificate of Designation
4.2*	Form of Preferred Stock Certificate
4.3*	Form of Warrant Agreement and Warrant Certificate
4.4*	Form of Stock Purchase Agreement
4.5*	Form of Rights Agreement and Form of Rights Certificate
4.6*	Form of Unit Agreement and Unit Certificate
5.1	Opinion of Sichenzia Ross Ference LLP
23.1	Consent of Marcum LLP
23.2	Consent of Sichenzia Ross Ference LLP (included in Exhibit 5.1)
24.1	Power of Attorney (included on the signature page)
107	Filing Fee Table

* To be filed, if applicable, by amendment or by a Current Report on Form 8-K and incorporated by reference herein.

Item 17. Undertakings.

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 the 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 the 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 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement; and

(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 (1)(i), (1)(ii) and (1)(iii) 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 Securities Exchange Act of 1934 that are incorporated by reference in the Registration Statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

(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.

(4) That, for the purpose of determining liability under the Securities Act to any purchaser:

(A) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(B) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which the prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date; and

(5) The undersigned 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 of 1934 that is incorporated by reference in the Registration Statement 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.

(6) 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 Securities and Exchange 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.

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-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Menlo Park, California, on May 2, 2023.

CYNGN INC.

By: /s/ Lior Tal
Lior Tal
Chief Executive Officer and Director
(Principal Executive Officer)

By: /s/ Donald Alvarez
Donald Alvarez
Chief Financial Officer and Director
(Principal Financial Officer)

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Lior Tal and Donald Alvarez and each of them, his or her true and lawful attorneys-in-fact and agents with full power of substitution, for him or her and in his or her 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 sign any registration statement for the same offering covered by the registration statement that is to be effective upon filing pursuant to Rule 462(b) promulgated under the Securities Act, and all post-effective amendments thereto, and to file the same, with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, 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 or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, his, hers or their substitute or substitutes, may lawfully do or cause to be done or 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>TITLE</u>	<u>DATE</u>
<u>/s/ Lior Tal</u> Lior Tal	Chief Executive Officer, Chairman and Director	May 2, 2023
<u>/s/ Donald Alvarez</u> Donald Alvarez	Chief Financial Officer and Director	May 2, 2023
<u>/s/ Karen Macleod</u> Karen Macleod	Director	May 2, 2023
<u>/s/ Colleen Cunningham</u> Colleen Cunningham	Director	May 2, 2023
<u>/s/ James McDonnell</u> James McDonnell	Director	May 2, 2023



May 2, 2023

CYNGN Inc.
1015 O'Brien Dr.
Menlo Park, CA 94025
Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We have acted as counsel to CYNGN Inc., a Delaware corporation (the "Company"), in connection with the registration, pursuant to a registration statement on Form S-3 (the "Registration Statement"), filed by the Company with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Act"), relating to the offering and sale from time to time, as set forth in the Registration Statement, the form of prospectus contained therein (the "Prospectus"), and one or more supplements to the Prospectus (each, a "Prospectus Supplement"), by the Company of up to an aggregate of \$50,000,000 of securities of the Company consisting of (a) shares of common stock, \$0.00001 par value per share ("Common Stock"), (b) shares of preferred stock, \$0.00001 par value per share ("Preferred Stock"), (c) stock purchase units of the Company (the "Stock Purchase Units"), each consisting of any of the Securities offered hereby, (d) warrants to purchase one or more of the Securities (as hereinafter defined) (the "Warrants"), and (e) Rights to purchase any of the Securities that may be sold under the Registration Statement (the "Rights"). The Common Stock, Preferred Stock, Stock Purchase Units, Warrants and Rights and any securities issuable upon the conversion, exchange or exercise of the Preferred Stock, Stock Purchase Units, Warrants or Rights are collectively referred to herein as the "Securities."

We advise you that we have examined executed originals or copies certified or otherwise identified to our satisfaction of the following documents: (i) the Registration Statement; (ii) the prospectus forming a part of the Registration Statement; (iii) resolutions adopted by the Company's board of directors (the "Board of Directors") relating to the registration of the Securities and related matters, (iv) the Company's Certificate of Incorporation, as amended to date (the "Certificate of Incorporation"); and (v) the Company's Bylaws, as amended to date (the "Bylaws", and together with the Certificate of Incorporation, the "Constituent Documents"). In addition, we have examined and relied upon such corporate records and other documents, instruments and certificates of officers and representatives of the Company and of public officials, and we have made such examination of law, as we have deemed necessary or appropriate for purposes of the opinion expressed below.

We have assumed for purposes of rendering the opinions set forth herein, without any verification by us, the genuineness of all signatures, the legal capacity of all natural persons to execute and deliver documents, the authenticity and completeness of documents submitted to us as originals and the completeness and conformity with authentic original documents of all documents submitted to us as copies, that all documents, books and records made available to us by the Company are accurate and complete.

For purposes of this opinion letter, we have also assumed that: (a) the Registration Statement and any amendments thereto (including post-effective amendments) shall have become and remain effective under the Act, no stop order with respect thereto shall have been issued, a prospectus supplement shall have been prepared and filed with the Commission describing the Securities offered thereby and such Securities shall have been issued and sold in accordance with the terms set forth in such prospectus supplement; (b) any securities issuable upon conversion, exercise or exchange of any Securities being offered shall have been duly authorized by corporate action and, if appropriate, reserved for issuance upon such conversion, exercise or exchange; (c) at the time of any offering or sale of any shares of Common Stock, Preferred Stock or Securities exercisable, convertible or exchangeable into Common Stock or Preferred Stock, there shall be a sufficient number of shares of Common Stock or Preferred Stock, as applicable, authorized and unissued under the Certificate of Incorporation then in effect and not otherwise reserved for issuance; (d) at the time of issuance of the Securities, the Company shall validly exist and shall be in good standing under the laws of the State of Delaware, and shall have the necessary corporate power for such issuance; (e) any definitive purchase, at-the-market offering, underwriting or similar agreement with respect to any Securities, if applicable, and any applicable indenture, Stock Purchase Unit Agreement, Warrant Agreement or Rights Agreement (each as hereinafter defined) relating to Stock Purchase Units, Warrants or Rights, as the case may be, shall constitute legally valid and binding obligations of the parties thereto, enforceable against each of them in accordance with their respective terms, at the time of issuance of the applicable Securities; (f) certificates representing the shares of Common Stock or Preferred Stock, as the case may be, or any Stock Purchase Units, Warrants, or Rights shall have been duly executed, countersigned, registered and delivered, or if uncertificated, valid book-entry notations shall have been made in the share or other register of the Company, in each case in accordance with the Constituent Documents and in the manner contemplated by the Registration Statement and/or the applicable prospectus supplement, either (x) against payment therefor in an amount not less than the par value thereof, in the case of Common Stock or Preferred Stock, or such other consideration determined by the Board of Directors, or an authorized committee thereof, as permitted under the General Corporation Law of the State of Delaware (the "DGCL"), in accordance with the provisions of any applicable definitive purchase agreement, at-the-market offering agreement, underwriting agreement, indenture, Stock Purchase Unit Agreement, Warrant Agreement, Rights Agreement or similar agreement, if any, approved by the Company or (y) upon conversion, exercise or exchange of any other Security in accordance with the terms of such Security or the instrument governing such Security as approved by the Company, for the consideration approved by the Company (in the case of Common Stock or Preferred Stock in an amount not less than the par value thereof, or such other consideration determined by the Board of Directors, or an authorized committee thereof, as permitted under the DGCL); (g) the Constituent Documents shall be in full force and effect and shall not have been amended, restated, supplemented or otherwise altered, and there shall be no authorization of any such amendment, restatement, supplement or alteration, in each case since the date hereof, other than in connection with the Future Authorization and Issuance of Securities (as hereinafter defined) and (h) the Trustee (as hereinafter defined) has satisfied all regulatory and legal requirements applicable to its activities.

For purposes of this opinion letter, we refer to the following as the "Future Authorization and Issuance" of Securities:

- (a) with respect to any of the Securities, (i) the authorization by the Company of the terms, offering and issuance of such Securities (the "Authorization") and (ii) the issuance of such Securities in accordance with the Authorization therefor upon the receipt by the Company of the consideration to be paid therefor in accordance with the Authorization;
- (b) with respect to Preferred Stock, (i) the establishment of the terms of such Preferred Stock by the Company in conformity with the Certificate of Incorporation and applicable law and (ii) the proper execution, acknowledgement and filing with the Delaware Secretary of State, and the effectiveness of, a certificate of designations to the Certificate of Incorporation setting forth the terms of such Preferred Stock in accordance with the Certificate of Incorporation and applicable law;
- (c) with respect to the Stock Purchase Units, (i) the due authorization, valid execution and delivery by the Company and the other parties thereto of any agreement under which the Stock Purchase Units are to be issued (each, a "Stock Purchase Unit Agreement") and (ii) the establishment of the terms of the Stock Purchase Units, and the execution and delivery of the Stock Purchase Units, in conformity with the Stock Purchase Unit Agreement and applicable law;
- (d) with respect to Warrants, (i) the due authorization, valid execution and delivery by the Company and the other parties thereto of any agreement under which the Warrants are to be issued (each, a "Warrant Agreement") and (ii) the establishment of the terms of the Warrants, and the execution and delivery of the Warrants, in conformity with the Warrant Agreement and applicable law; and
- (e) with respect to Rights, (i) the due authorization, valid execution and delivery by the Company and the other parties thereto of any agreement under which the Rights are to be issued (each, a "Rights Agreement") and (ii) the establishment of the terms of the Rights, and the execution and delivery of the Rights, in conformity with the Rights Agreement and applicable law.

Based upon the foregoing and subject to the qualifications, assumptions and limitations contained herein, we are of the opinion that:

1. With respect to the Common Stock, including those shares that are duly issued upon conversion, exchange or exercise of any Preferred Stock, Stock Purchase Units, Warrants or Rights, upon the Future Authorization and Issuance of such shares of Common Stock, such shares of Common Stock will be duly authorized, validly issued, fully paid and non-assessable.

2. With respect to one or more series of the Preferred Stock, including those duly issued upon conversion, exchange or exercise of any Stock Purchase Units, Warrants or Rights, upon the Future Authorization and Issuance of such shares of Preferred Stock, such shares of Preferred Stock will be duly authorized, validly issued, fully paid and non-assessable.

3. With respect to the Stock Purchase Units, including those duly issued upon conversion, exchange or exercise of any Preferred Stock, Warrants or Rights, upon the Future Authorization and Issuance of the Stock Purchase Units, such Stock Purchase Units will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms.

4. With respect to the Warrants, including those duly issued upon conversion, exchange or exercise of any Preferred Stock or Rights, upon the Future Authorization and Issuance of the Warrants, such Warrants will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms.

5. With respect to Rights, upon receipt by the Company of such lawful consideration therefore as the Board (or a duly authorized committee thereof) may determine, such Rights will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms.

The opinions set forth above are subject to the following exceptions, limitations and qualifications:

We express no opinion as to: (a) the effect of bankruptcy, insolvency, reorganization, fraudulent conveyance, moratorium or other similar laws now or hereafter in effect relating to or affecting the rights and remedies of creditors; (b) the effect of general principles of equity, including without limitation, concepts of materiality, reasonableness, good faith and fair dealing and the possible unavailability of specific performance or injunctive relief, regardless of whether enforcement is considered in a proceeding in equity or at law, and the discretion of the court before which any proceeding therefore may be brought; (c) the unenforceability under certain circumstances under law or court decisions of provisions providing for the indemnification of, or contribution to, a party with respect to a liability where such indemnification or contribution is contrary to public policy; (d) the rights or remedies available to any party for violations or breaches of any provisions of the Stock Purchase Units, Warrants and Rights, as applicable, that are immaterial or the enforcement of which would be unreasonable under the then-existing circumstances, (e) the rights or remedies available to any party for material violations or breaches that are the proximate result of actions taken by any party to the Stock Purchase Units, Warrants and Rights, as applicable, other than the party against whom enforcement is sought, which actions such other party is not entitled to take pursuant to the Stock Purchase Units, Warrants and Rights, as applicable, or that otherwise violate applicable laws, (f) the rights or remedies available to any party that takes discretionary action that is arbitrary, unreasonable or capricious, or is not taken in good faith or in a commercially reasonable manner, whether or not the Stock Purchase Units, Warrants and Rights, as applicable, permit such action or (g) the effect of the exercise of judicial discretion, whether in a proceeding in equity or at law.

The aforesaid opinions as to enforceability of the Stock Purchase Units, Warrants and Rights also are subject to the qualification that certain provisions of the Stock Purchase Units, Warrants and Rights, as applicable, may not be enforceable, but (subject to the limitations set forth in clauses (a) through (g) of the immediately preceding paragraph) such unenforceability will not render the Stock Purchase Units, Warrants and Rights, as applicable, invalid as a whole or substantially interfere with realization of the principal benefits and/or security provided thereby.

This opinion is being furnished at the request of the Company and in accordance with the requirements of Item 601(b)(5) of Regulation S-K promulgated under the Act in connection with the offer and resale of the Securities and is not to be used, quoted or otherwise referred to for any other purpose without our prior written consent. This opinion does not constitute such prior written consent.

We are members of the Bar of the State of New York. We express no opinion as to the effect of any laws other than the laws of the State of New York, the DGCL and the Federal laws of the United States of America, each as in effect on the date hereof.

This opinion speaks only at and as of its date and is based solely on the facts and circumstances known to us at and as of such date. We assume no obligation to revise or supplement this opinion to reflect any facts or circumstances that may hereafter come to our attention or any changes in fact or law that may hereafter occur.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the reference made to our firm under the caption "Legal Matters" in the prospectus forming a part of the Registration Statement. In giving such consent, we do not thereby concede that our firm is within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ Sichenzia Ross Ference LLP
Sichenzia Ross Ference LLP

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM'S CONSENT

We consent to the incorporation by reference in this Registration Statement of Cyngn, Inc. on Form S-3 of our report dated March 16, 2023, with respect to our audits of the consolidated financial statements of Cyngn, Inc. as of December 31, 2022 and 2021 and for the years ended December 31, 2022 and 2021 appearing in the Annual Report on Form 10-K of Cyngn, Inc. for the year ended December 31, 2022. 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
San Francisco, CA
May 1, 2023

Calculation of Filing Fee Tables

Form S-3

(Form Type)

CYNGN INC.

(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered and Carry Forward Securities

	Security Type	Security Class Title	Fee Calculation or Carry Forward Rule	Amount Registered	Proposed Maximum Offering Price Per Share	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee	Carry Forward Form Type	Carry Forward File Number	Carry Forward Initial effective date	Filing Fee Previously Paid In Connection with Unsold Securities to be Carried Forward
Newly Registered Securities												
Fees previously paid	Equity	Common Stock, par value \$0.00001 per share	457(o)	(1)	(1)	-	-	-				
	Equity	Preferred Stock, par value \$0.00001 per share	457(o)	(1)	(1)	-	-	-				
	Other	Warrants	457(o)	(1)	(1)	-	-	-				
	Other	Rights	457(o)	(1)	(1)	-	-	-				
	Other	Units	457(o)	(1)	(1)	-	-	-				
	Unallocated (Universal) Shelf	-	457(o)	\$50,000,000	-	\$50,000,000 ₍₂₎	\$0.00011020	\$		5,510		
	Total Offering Amounts					\$50,000,000 ₍₂₎	\$0.00011020	\$		5,510		
	Total Fees Previously Paid											
	Total Fee Offsets											
	Net Fee Due							\$		5,510		

(1) An indeterminate number or aggregate principal amount, as applicable, of securities of each identified class is being registered as may from time to time be offered on a primary basis at indeterminate prices, including an indeterminate number or amount of securities that may be issued upon the exercise, settlement, exchange or conversion of securities offered hereunder. Separate consideration may or may not be received for securities that are issuable upon conversion of, or in exchange for, or upon exercise of, convertible or exchangeable securities. Pursuant to Rule 416 under the Securities Act of 1933, as amended, or the Securities Act, this registration statement shall also cover any additional securities of the registrant that become issuable by reason of any splits, dividends or similar transactions or anti-dilution adjustments.

(2) Estimated solely for the purpose of calculating the registration fee. Subject to Rule 462(b) under the Securities Act, the aggregate initial offering price of all securities issued by the registrant pursuant to this registration statement will not exceed \$50,000,000.