

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

**Post-Effective Amendment No. 5
to
FORM F-3**

**REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

Canaan Inc.

(Exact name of Registrant as specified in its charter)

Not Applicable

(Translation of Registrant's name into English)

Cayman Islands

(State or other jurisdiction of
incorporation or organization)

Not Applicable

(I.R.S. Employer
Identification Number)

**28 Ayer Rajah Crescent
#06-08**

Singapore 139959

(Address and telephone number of Registrant's principal executive offices)

**Cogency Global Inc.
122 East 42nd Street, 18th Floor
New York, New York 10168
+1-212-947-7200**

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

Copies to:

**Will H. Cai, Esq.
Cooley LLP**

**c/o 35/F Two Exchange Square 8 Connaught Place Central, Hong Kong
+852 3758-1200**

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

If 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, please 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.C. 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.C. 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 an emerging growth company as defined in Rule 405 of the Securities Act of 1933.

Emerging growth company

If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, 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 or until the registration statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

† The term “new or revised financial accounting standard” refers to any update issued by the Financial Accounting Standards Board to its Accounting Standards Codification after April 5, 2012.

EXPLANATORY NOTE

Canaan Inc. is filing this Post-Effective Amendment No. 5 (the "Amendment") to the registration statement on Form F-3 (Registration No. 333-285125 Canaan Inc.) (the "Registration Statement") as an exhibits-only filing to file an updated auditor consent as Exhibit 23.1. Accordingly, this Amendment consists of only the facing page, this explanatory note, Part II of the Registration Statement, the signature pages to the Registration Statement and the filed exhibits. The remainder of the Registration Statement is unchanged from Post-Effective Amendment No. 4 to the Registration Statement filed on May 22, 2026 and has been omitted.

No additional securities are being registered under this Amendment. All applicable registration fees were previously paid.

PART II
INFORMATION NOT REQUIRED IN PROSPECTUS

ITEM 8. INDEMNIFICATION OF DIRECTORS AND OFFICERS

The Cayman Companies Act does not limit the extent to which a company's memorandum and articles of association may provide for indemnification of officers and directors, except to the extent any such provision may be held by the Cayman Islands courts to be contrary to public policy, such as to provide indemnification against dishonesty, willful default or fraud or the consequences of committing a crime. Our articles of association provide that we shall indemnify our officers and directors against all actions, proceedings, costs, charges, expenses, losses, damages or liabilities incurred or sustained by such directors or officer, other than by reason of such person's dishonesty, willful default or fraud, in or about the conduct of our company's business or affairs (including as a result of any mistake of judgment) or in the execution or discharge of his duties, powers, authorities or discretions, including without prejudice to the generality of the foregoing, any costs, expenses, losses or liabilities incurred by such director or officer in defending (whether successfully or otherwise) any civil proceedings concerning our company or its affairs in any court whether in the Cayman Islands or elsewhere. This standard of conduct is generally the same as permitted under the Delaware General Corporation Law for a Delaware corporation. In addition, we intend to enter into indemnification agreements with our directors and executive officers that will provide such persons with additional indemnification beyond that provided in our articles of association.

Under the indemnification agreements with our directors and executive officers, the form of which was filed as Exhibit 10.2 to our registration statement on Form F-1, as amended (File No. 333-234356), we have agreed to indemnify our directors and executive officers against certain liabilities and expenses incurred by such persons in connection with claims made by reason of their being such a director or executive officer.

Any underwriting agreement entered into in connection with an offering of our securities may also provide for indemnification of us and our officers and directors in certain cases.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers or persons controlling us under the foregoing provisions, we have been informed that, in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

We also maintain a directors and officers liability insurance policy for our directors and officers.

ITEM 9. EXHIBITS

See Exhibit Index beginning on page II-4 of this registration statement.

ITEM 10. 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 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.

(iii) 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 SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iv) 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), (a)(1)(ii) and (a)(1)(iii) of this item do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act 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) To file a post-effective amendment to the registration statement to include any financial statements required by Item 8.A. of Form 20-F at the start of any delayed offering or throughout a continuous offering. Financial statements and information otherwise required by Section 10(a)(3) of the Securities Act need not be furnished, provided that the registrant includes in the prospectus, by means of a post-effective amendment, financial statements required pursuant to this paragraph (4) and other information necessary to ensure that all other information in the prospectus is at least as current as the date of those financial statements. Notwithstanding the foregoing, a post-effective amendment need not be filed to include financial statements and information required by Section 10(a)(3) of the Securities Act or Item 8.A of Form 20-F if such financial statements and information are contained in periodic reports filed with or furnished to the SEC by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this registration statement.

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

(i) 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

(ii) 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 the 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 that 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.

(6) That, for the purpose of determining liability of the registrant under the Securities Act to any purchaser in the initial distribution of the securities:

The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(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 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 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.

(c) 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.

EXHIBIT INDEX

Exhibit Number	Description
1.1*	Form of Underwriting Agreement
4.1	Specimen American Depositary Receipt evidencing American Depositary Shares (included in Exhibit 4.3).
4.2	Registrant's Specimen of Ordinary Share Certificate (incorporated by reference to Exhibit 4.1 to the registration statement on Form F-1 (File No. 333-234356), as amended, initially filed with the Securities and Exchange Commission on October 28, 2019)
4.3	Form of Deposit Agreement by and among the Registrant, the depository and the owners and holders of the American Depositary Receipts issued thereunder (incorporated by reference to Exhibit 99.A to the registration statement on Form F-6 (File No. 333-295517), filed with the Securities and Exchange Commission on May 4, 2026)
4.4*	Certificate of Designation for Preferred Shares
4.5*	Registrant's Specimen of Warrant Certificate
4.6*	Form of Warrant Agreement
4.7*	Form of Indenture
4.8*	Form of Debt Security
4.9*	Form of Subscription Rights Agreement
4.10*	Form of Subscription Rights Certificate
4.11*	Specimen Unit Certificate
5.1***	Opinion of Maples and Calder (Hong Kong) LLP regarding the validity of the securities being registered
8.1***	Opinion of Maples and Calder (Hong Kong) LLP regarding certain Cayman Islands tax matters (included in Exhibit 5.1)
8.2***	Opinion of Commerce & Finance Law Offices regarding certain PRC law matters
23.1**	Consent of KPMG Huazhen LLP, Independent Registered Public Accounting Firm
23.2***	Consent of Maples and Calder (Hong Kong) LLP (included in Exhibit 5.1)
23.3***	Consent of Commerce & Finance Law Offices
24.1	Power of attorney (incorporated by reference to Exhibit 24.1 to the registration statement on Form F-3 (File No. 333-285125), filed with the Securities and Exchange Commission on February 21, 2025)
25.1	Statement of Eligibility of Trustee under the Indenture (to be filed separately under the electronic form type 305B2, if applicable in accordance with the requirements of Section 305(b)(2) of the Trust Indenture Act and the applicable rules thereunder)
107***	Calculation of Filing Fee Table

* To be filed as an exhibit to a post-effective amendment to this registration statement or as an exhibit to a report filed or furnished under the Exchange Act and incorporated by reference.

** Filed with this Post Effective Amendment No. 5 to the Registration Statement on Form F-3.

*** Previously filed.

SIGNATURES

Pursuant to the requirements of the Securities Act, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form F-3 and has duly caused this Post-Effective Amendment No. 5 to be signed on its behalf by the undersigned, thereunto duly authorized, in Singapore, on June 15, 2026.

CANAAN INC.

By: /s/ Nangeng Zhang
Name: Nangeng Zhang
Title: Chairman and Chief Executive Officer

Pursuant to the requirements of the Securities Act, the registration statement has been signed by the following persons on June 15, 2026 in the capacities indicated.

Signature	Title
<u>/s/ Nangeng Zhang</u> Name: Nangeng Zhang	Chairman and Chief Executive Officer (principal executive officer)
<u>*</u> Name: Wenjun Zhang	Independent Director
<u>*</u> Name: Hongchao Du	Independent Director
<u>*</u> Name: Zhitang Shu	Independent Director
<u>*</u> Name: Yaping Zhang	Independent Director
<u>*</u> Name: James Jin Cheng	Chief Financial Officer
By <u>/s/ Nangeng Zhang</u> Name: Nangeng Zhang	As attorney in fact

SIGNATURE OF AUTHORIZED REPRESENTATIVE OF THE REGISTRANT

Pursuant to the requirements of the Securities Act, the undersigned, the duly authorized representative in the United States of Canaan Inc. has signed this registration statement or amendment thereto in New York, United States on June 15, 2026.

Authorized U.S. Representative

Cogency Global Inc.

By: /s/ Colleen A. De Vries

Name: Colleen A. De Vries

Title: Senior Vice President on behalf of Cogency Global Inc.

Consent of Independent Registered Public Accounting Firm

We consent to the use of our report dated April 15, 2025, with respect to the consolidated financial statements of Canaan Inc., and the effectiveness of internal control over financial reporting, incorporated herein by reference and to the reference to our firm under the heading “Experts” in the prospectus.

/s/ KPMG Huazhen LLP

Beijing, China

June 15, 2026
