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

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**FORM 8-A**

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**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF  
THE SECURITIES EXCHANGE ACT OF 1934**

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**Canaan Inc.**

(Exact name of registrant as specified in its charter)

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**Cayman Islands**  
(State or other jurisdiction of incorporation or organization)

**Not Applicable**  
(I.R.S. Employer Identification No.)

30/F, Dicara Silver Tower  
29 Jiefang East Road  
Jiangan district, Hangzhou, 310016  
People's Republic of China  
(Address of principal executive offices)

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

<u>Title of each class to be so registered</u>	<u>Name of each exchange on which each class is to be registered</u>
Class A ordinary shares, par value US\$0.00000005 per share*	The Nasdaq Stock Market LLC*
American depositary shares, each representing 15 Class A ordinary shares	The Nasdaq Stock Market LLC

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If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

**Securities Act registration statement file number to which this form relates: 333-234356 (if applicable)**

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

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\* Not for trading, but only in connection with the listing of the American depositary shares on The Nasdaq Stock Market LLC. The American depositary shares represent Class A ordinary shares and are being registered under the Securities Act of 1933, as amended, pursuant to a separate Registration Statement on Form F-6. Accordingly, the American depositary shares are exempt from the operation of Section 12(a) of the Securities Exchange Act of 1934, as amended, pursuant to Rule 12a-8.

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## INFORMATION REQUIRED IN REGISTRATION STATEMENT

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

The description of the securities to be registered will be contained in a prospectus, constituting part of the Registrant's Registration Statement on Form F-1 (File No. 333-234356) relating to such securities, to be filed pursuant to Rule 424(b) under the Securities Act of 1933, as amended (such prospectus as filed pursuant to Rule 424(b), the "Prospectus"). The description of the securities contained in the Prospectus is hereby incorporated by reference into this Form 8-A. Copies of such description will be filed with The Nasdaq Stock Market LLC.

### **Item 2. Exhibits.**

No exhibits are required to be filed as the securities being registered on this form (1) are being registered on an exchange on which no other securities of the Registrant are registered, and (2) are not being registered pursuant to Section 12(g) of the Exchange Act.

**SIGNATURE**

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

**Canaan Inc.**

By: /s/ Nangeng Zhang

Name: Nangeng Zhang

Title: Chairman and Chief Executive Officer

Date: November 6, 2019