

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM F-3

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

Molecular Data 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)

**Molecular Data Inc.
11/F, Building 15, 2177 Shenkun Road
Minhang District, Shanghai 201106
People's Republic of China**

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

**Puglisi & Associates
850 Library Avenue, Suite 204
Newark, Delaware 19711
+1 302-738-6680**

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

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, 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 Securities and Exchange 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 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.

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered ⁽¹⁾	Amount to be registered in price ⁽³⁾	Proposed maximum aggregate price per unit ⁽³⁾	Proposed maximum aggregate offering price ⁽³⁾	Amount of registration fee ⁽³⁾
Class A ordinary shares, par value US\$0.00005 per share ⁽²⁾	—	—	—	—
Debt securities	—	—	—	—
Total			\$ 200,000,000.00	\$21,820.00

(1) Includes securities initially offered and sold outside the United States that may be resold from time to time in the United States either as part of their distribution or within 40 days after the later of the effective date of this registration statement and the date the securities are first bona fide offered to the public. These securities are not being registered for the purposes of sales outside of the United States.

(2) American depositary shares issuable upon deposit of the Class A ordinary shares registered hereby have been registered under a separate registration statement on Form F-6 (Registration No. 333-235619). Each American depositary share represents three Class A ordinary shares.

(3) Paid herewith.

SUBJECT TO COMPLETION, DATED MAY 24, 2021

PROSPECTUS



Molecular Data Inc.

Class A Ordinary Shares

We may from time to time in one or more offerings offer and sell our Class A ordinary shares, including Class A ordinary shares represented by American depositary shares, or ADSs, and/or debt securities. In addition, from time to time, the selling shareholders named in a prospectus supplement may offer and sell our Class A ordinary shares, including Class A ordinary shares represented by ADSs, held by them. We will not receive any proceeds from the sale of our Class A ordinary shares by the selling shareholders.

We will provide specific terms of any offering in a supplement to this prospectus. 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.

We or the selling shareholders may offer and sell the securities from time to time at fixed prices, at market prices or at negotiated prices, to or through underwriters, to other purchasers, through agents, or through a combination of these methods, on a continuous or delayed basis. See “Plan of Distribution.” If any underwriters, dealers or agents are involved in the sale of any of the securities, their names, and any applicable purchase price, fee, commission or discount arrangements between or among them, will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement.

The ADSs, each representing three Class A ordinary shares, are listed on the Nasdaq Stock Market under the symbol “MKD.” On May 19, 2021, the last reported sale price of the ADSs on the Nasdaq Stock Market was US\$0.870 per ADS.

Our outstanding share capital consists of Class A ordinary shares and Class B ordinary shares. Holders of Class A ordinary shares and Class B ordinary shares have the same rights except for voting and conversion rights. Each Class A ordinary share is entitled to one vote, and each Class B ordinary share is entitled to ten votes and is convertible into one Class A ordinary share. Class A ordinary shares are not convertible into Class B ordinary shares under any circumstances.

Investing in our securities involves a high degree of risk. You should carefully consider the risks described under “Risk Factors” starting on page 4 of this prospectus, included in any prospectus supplement or in the documents incorporated by reference into this prospectus before you invest in our securities.

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

Neither the United States Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2021

The information in this prospectus is not complete and may be changed. These securities may not be sold until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

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ABOUT THIS PROSPECTUS

You should carefully read this document and any applicable prospectus supplement. You should also read the documents we have referred you to under “Where You Can Find More Information About Us” and “Incorporation of Documents by Reference” below for information on our company, the risks we face and our financial statements. The registration statement and exhibits can be read on the SEC’s website as described under “Where You Can Find More Information About Us.”

In this prospectus, unless otherwise indicated or unless the context otherwise requires:

- “ADRs” are to the American depositary receipts that evidence the ADSs;
- “ADSs” are to the American depositary shares, each of which represents three Class A ordinary shares;
- “China” or the “PRC” are to the People’s Republic of China, excluding, for the purposes of this prospectus only, Hong Kong, Macau and Taiwan;
- “Class A ordinary shares” are to our Class A ordinary shares, par value US\$0.00005 per share;
- “Class B ordinary shares” are to our Class B ordinary shares, par value US\$0.00005 per share;
- “we,” “us,” “our company” and “our” are to Molecular Data Inc., our Cayman Islands holding company and its subsidiaries and, its VIEs and the subsidiary of the VIEs;
- “RMB” and “Renminbi” are to the legal currency of China;
- “shares” or “ordinary shares” are to our Class A and Class B ordinary shares, par value US\$0.00005 per share;
- “US\$,” “U.S. dollars,” “\$,” and “dollars” are to the legal currency of the United States; and
- “VIEs” are to Shanghai MOLBASE Technology Co., Ltd. and Jiaying MOLBASE Information Technology Co., Ltd.

This prospectus is part of a registration statement on Form F-3 that we filed with the U.S. Securities and Exchange Commission, or the SEC, using a shelf registration process permitted under the Securities Act of 1933, as amended, or the Securities Act. By using a shelf registration statement, we or the selling shareholders may sell any of our securities to the extent permitted in this prospectus and the applicable prospectus supplement, from time to time in one or more offerings on a continuous or delayed basis. This prospectus only provides you with a summary description of these securities. Each time we or the selling shareholders sell the securities, we or the selling shareholders will provide a supplement to this prospectus that contains specific information about the securities being offered and the specific terms of that offering. The supplement may also add, update or change information contained in this prospectus. If there is any inconsistency between the information in this prospectus and any prospectus supplement, you should rely on the prospectus supplement.

Unless otherwise noted, all translations from Renminbi to U.S. dollars in this prospectus were made at the exchange rate of RMB\$6.5250 to US\$1.00, the exchange rate in effect as of December 31, 2020 set forth in the H.10 statistical release of the Board of Governors of the Federal Reserve System. We make no representation that any Renminbi or U.S. dollar amounts could have been, or could be, converted into U.S. dollars or Renminbi, as the case may be, at any particular rate, or at all. On May 19, 2021, the noon buying rate set forth in the H.10 statistical release of the Board of Governors of the Federal Reserve System was RMB6.4367 to US\$1.00.

You should rely only on the information contained or incorporated by reference in this prospectus and in any prospectus supplement. Neither we nor the selling shareholders has 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. Neither we nor the selling shareholders will make an offer to sell the 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 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.

INCORPORATION OF DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate by reference” the information we file with them. This means that we can disclose important information to you by referring you to those documents. Each document incorporated by reference is current only as of the date of such document, and the incorporation by reference of such documents shall not create any implication that there has been no change in our affairs since the date thereof or that the information contained therein is current as of any time subsequent to its date. The information incorporated by reference is considered to be a part of this prospectus and should be read with the same care. When we update the information contained in documents that have been incorporated by reference by making future filings with the SEC, the information incorporated by reference in this prospectus is considered to be automatically updated and superseded. In other words, in the case of a conflict or inconsistency between information contained in this prospectus and information incorporated by reference into this prospectus, you should rely on the information contained in the document that was filed later.

We incorporate by reference the following documents:

- [our annual report on Form 20-F for the fiscal year ended December 31, 2020 filed on May 17, 2021, or the 2020 Annual Report.](#)

In addition, any future filings on Form 20-F made by us with the SEC under the Exchange Act after the date of this prospectus and prior to the termination or completion of the offering of the securities made under this prospectus, and any future reports on Form 6-K furnished by us to the SEC during such period or portions thereof that are identified in such forms as being incorporated into the registration statement of which this prospectus forms a part, shall be considered to be incorporated in this prospectus by reference and shall be considered a part of this prospectus from the date of filing of such documents.

Our 2020 Annual Report contains descriptions of our business and audited consolidated financial statements with a report by our independent auditors. These financial statements are prepared in accordance with accounting principles generally accepted in the United States.

The SEC maintains a web site at www.sec.gov that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC using its EDGAR system. We maintain our web site at <https://investor.molbase.com/>. The information contained on our websites is not a part of this prospectus.

Unless expressly incorporated by reference, nothing in this prospectus shall be deemed to incorporate by reference information furnished to, but not filed with, the SEC. Copies of all documents incorporated by reference in this prospectus, other than exhibits to those documents unless such exhibits are specially incorporated by reference in this prospectus, will be provided at no cost to each person, including any beneficial owner, who receives a copy of this prospectus on the written or oral request of that person made to:

Molecular Data Inc.
11/F, Building 15, 2177 Shenkun Road
Minhang District, Shanghai 201106
People’s Republic of China
Tel: +86-21-54199057

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated herein by reference contain forward-looking statements that reflect our current expectations and views of future events. Known and unknown risks, uncertainties and other factors may cause our actual results, performance or achievements to be materially different from those expressed or implied by the forward-looking statements.

You can identify some of these forward-looking statements by words or phrases such as “may,” “will,” “expect,” “anticipate,” “aim,” “estimate,” “intend,” “plan,” “believe,” “is/are likely to,” “potential,” “continue” or other similar expressions. We have based these forward-looking statements largely on our current expectations and projections about future events that we believe may affect our financial condition, results of operations, business strategy and financial needs. These forward-looking statements include statements relating to:

- our goals and strategies;
- our future business development, results of operations and financial condition
- expected growth of the chemical market;
- our ability to monetize the user base;
- fluctuations in general economic and business conditions in China;
- the potential impact of the COVID-19 to our business operations and the economy in China and elsewhere generally;
- and assumptions underlying or related to any of the foregoing.

These forward-looking statements involve various risks and uncertainties. Although we believe that our expectations expressed in these forward-looking statements are reasonable, our expectations may later be found to be incorrect. Our actual results could be materially different from our expectations. You should read thoroughly this prospectus and the documents incorporated herein by reference with the understanding that our actual future results may be materially different from and worse than what we expect. We qualify all of our forward-looking statements by these cautionary statements.

This prospectus and the documents incorporated herein by reference contain certain data and information that we obtained from various government and private publications. Statistical data in these publications also include projections based on a number of assumptions. Our industry may not grow at the rate projected by market data, or at all. Failure of this market to grow at the projected rate may have a material and adverse effect on our business and the market price of the ADSs. In addition, the rapidly evolving nature of this industry results in significant uncertainties for any projections or estimates relating to the growth prospects or future condition of our market. Furthermore, if any one or more of the assumptions underlying the market data are later found to be incorrect, actual results may differ from the projections based on these assumptions. You should not place undue reliance on these forward-looking statements.

The forward-looking statements made in this prospectus and the documents incorporated herein by reference relate only to events or information as of the date on which the statements are made in this prospectus and the documents incorporated herein by reference. Except as required by law, we undertake no obligation to update or revise publicly any forward-looking statements, whether as a result of new information, future events or otherwise, after the date on which the statements are made or to reflect the occurrence of unanticipated events. You should read this prospectus and the documents incorporated herein by reference and have filed as exhibits to the registration statement, of which this prospectus is a part, completely and with the understanding that our actual future results may be materially different from what we expect.

RISK FACTORS

Investing in our securities involves risk. Before you decide to buy our securities, you should carefully consider the risks described in our most recent annual report on Form 20-F, which is incorporated herein by reference, as well as the risks that are described in the applicable prospectus supplement and in other documents incorporated by reference into this prospectus.

Please see “Where You Can Find More Information” and “Incorporation of Certain Documents by Reference” for information on where you can find the documents we have filed with or furnished to the SEC and which are incorporated into this prospectus by reference.

USE OF PROCEEDS

We intend to use the net proceeds from the sale of the securities we offer as set forth in the prospectus supplements.

We will not receive any proceeds from the sale of securities by the selling shareholders.

DESCRIPTION OF SHARE CAPITAL

We are a Cayman Islands exempted company incorporated with limited liability and our affairs are governed by our memorandum and articles of association, the Companies Act (As Revised) of the Cayman Islands, which we refer to as the Companies Act below, and the common law of the Cayman Islands.

As of the date of this prospectus, our authorized share capital is US\$50,000 divided into 1,000,000,000 shares, par value of US\$0.00005 each, comprising (i) 550,000,000 Class A Ordinary Shares, par value of US\$0.00005 each (ii) 350,000,000 Class B ordinary Shares, par value of US\$0.00005 each, and (iii) 100,000,000 shares, par value of US\$0.00005 each, of such class or classes (however designated) as the Board may determine in accordance by our memorandum and articles of association, in each case having the rights, preferences, privileges and restrictions set out in by our memorandum and articles of association. As of the date of this prospectus, there were 359,362,418 Class A ordinary shares and 54,819,733 Class B ordinary shares issued and outstanding.

The following are summaries of material provisions of our memorandum and articles of association and the Companies Act insofar as they relate to the material terms of our ordinary shares.

Ordinary Shares

Objects of Our Company. Under our memorandum and articles of association, the objects of our company are unrestricted and we have the full power and authority to carry out any object not prohibited by the Cayman Islands law.

Ordinary Shares. Our ordinary shares are issued in registered form. We may not issue shares to bearer. Our shareholders who are non-residents of the Cayman Islands may freely hold and vote their shares. Our ordinary shares are divided into Class A ordinary shares and Class B ordinary shares. Holders of our Class A ordinary shares and Class B ordinary shares will have the same rights except for voting and conversion rights. Each Class A ordinary share shall entitle the holder thereof to one vote on all matters subject to vote at our general meetings, and each Class B ordinary share shall entitle the holder thereof to ten votes on all matters subject to vote at our general meetings. Our ordinary shares are issued in registered form and are issued when registered in our register of members.

Conversion. Each Class B ordinary share is convertible into one Class A ordinary share at any time by the holder thereof. Class A ordinary shares are not convertible into Class B ordinary shares under any circumstances. Upon any sale, transfer, assignment or disposition of any Class B ordinary share by MOLBASE Inc. to any person who is not our founder, Dr. Dongliang Chang, or his affiliate, or the change of ultimate beneficial ownership of any Class B ordinary shares from MOLBASE Inc. to any person who is not our founder, Dr. Dongliang Chang, or his affiliate, each such Class B ordinary share shall be automatically and immediately converted into one Class A ordinary share. Upon any sale, transfer, assignment or disposition of any Class B ordinary share by our founder, Dr. Dongliang Chang, to any person who is not his affiliate, or upon a change of ultimate beneficial ownership of any Class B ordinary share from our founder, Dr. Dongliang Chang to any person who is not his affiliate, each such Class B ordinary share shall be automatically and immediately converted into one Class A ordinary share.

Dividends. The holders of our ordinary shares are entitled to such dividends as may be declared by our board of directors or declared by our shareholders by ordinary resolution (provided that no dividend may be declared by our shareholders which exceeds the amount recommended by our directors). Our post-offering amended and restated memorandum and articles of association provide that dividends may be declared and paid out of our profits, realized or unrealized, or from any reserve set aside from profits which our board of directors determine is no longer needed, or from our share premium account. Under the laws of the Cayman Islands, our company may pay a dividend out of either profit or share premium account, provided that in no circumstances may a dividend be paid if this would result in our company being unable to pay its debts as they fall due in the ordinary course of business.

Voting Rights. Voting at any shareholders' meeting is by show of hands unless a poll is demanded. A poll may be demanded by the chairman of such meeting or any one or more shareholders present in person or by proxy at the meeting.

An ordinary resolution to be passed at a meeting by the shareholders requires the affirmative vote of a simple majority of the votes attaching to the ordinary shares cast at a meeting, while a special resolution requires the affirmative vote of no less than two-thirds of the votes cast attaching to the issued and outstanding ordinary shares at a meeting. A special resolution will be required for important matters such as a change of name or making changes to our memorandum and articles of association. Our shareholders may, among other things, divide or combine their shares by ordinary resolution.

General Meetings of Shareholders. As a Cayman Islands exempted company, we are not obliged by the Companies Act to call shareholders' annual general meetings. Our memorandum and articles of association provide that we may (but are not obliged to) in each year hold a general meeting as our annual general meeting in which case we shall specify the meeting as such in the notices calling it, and the annual general meeting shall be held at such time and place as may be determined by our directors.

Shareholders' general meetings may be convened by our chairman or by a majority of our board of directors. Advance notice of at least ten calendar days is required for the convening of our annual general shareholders' meeting (if any) and any other general meeting of our shareholders. A quorum required for any general meeting of shareholders consists of at least one shareholder present or by proxy, representing not less than one-third of all votes attaching to all of our shares in issue and entitled to vote.

The Companies Act provides shareholders with only limited rights to requisition a general meeting, and does not provide shareholders with any right to put any proposal before a general meeting. However, these rights may be provided in a company's articles of association. Our memorandum and articles of association provide that upon the requisition of any one or more of our shareholders who together hold shares which carry in aggregate not less than fifty percent (50%) of the total number of votes attaching to all issued and outstanding shares of our company entitled to vote at general meetings, our board will convene an extraordinary general meeting and put the resolutions so requisitioned to a vote at such meeting. However, our memorandum and articles of association do not provide our shareholders with any right to put any proposals before annual general meetings or extraordinary general meetings not called by such shareholders.

Transfer of Ordinary Shares. Subject to the restrictions set out below, any of our shareholders may transfer all or any of his or her ordinary shares by an instrument of transfer in the usual or common form or any other form approved by our board of directors.

Our board of directors may, in its absolute discretion, decline to register any transfer of any ordinary share which is not fully paid up or on which we have a lien. Our board of directors may also decline to register any transfer of any ordinary share unless:

- the instrument of transfer is lodged with us, accompanied by the certificate for the ordinary shares to which it relates and such other evidence as our board of directors may reasonably require to show the right of the transferor to make the transfer;
- the instrument of transfer is in respect of only one class of ordinary shares;
- the instrument of transfer is properly stamped, if required;
- in the case of a transfer to joint holders, the number of joint holders to whom the ordinary share is to be transferred does not exceed four; and
- a fee of such maximum sum as the Nasdaq Stock Market may determine to be payable or such lesser sum as our directors may from time to time require is paid to us in respect thereof.

If our directors refuse to register a transfer they shall, within three months after the date on which the instrument of transfer was lodged, send to each of the transferor and the transferee notice of such refusal.

The registration of transfers may, after compliance with any notice required of the Nasdaq Stock Market, be suspended and the register of members closed at such times and for such periods as our board of directors may from time to time determine; provided, however, that the registration of transfers shall not be suspended nor the register of members closed for more than 30 days in any year as our board may determine.

Liquidation. On the winding up of our company, if the assets available for distribution amongst our shareholders shall be more than sufficient to repay the whole of the share capital at the commencement of the winding up, the surplus shall be distributed amongst our shareholders in proportion to the par value of the shares held by them at the commencement of the winding up, subject to a deduction from those shares in respect of which there are monies due, of all monies payable to our company for unpaid calls or otherwise. If our assets available for distribution are insufficient to repay all of the paid-up capital, the assets will be distributed so that the losses are borne by our shareholders in proportion to the par value of the shares held by them.

Calls on Shares and Forfeiture of Shares. Our board of directors may from time to time make calls upon shareholders for any amounts unpaid on their shares in a notice served to such shareholders at least 14 days prior to the specified time and place of payment. The shares that have been called upon and remain unpaid are subject to forfeiture.

Redemption, Repurchase and Surrender of Shares. We may issue shares on terms that such shares are subject to redemption, at our option or at the option of the holders of these shares, on such terms and in such manner as may be determined by our board of directors. Our Company may also repurchase any of our shares on such terms and in such manner as have been approved by our board of directors or by an ordinary resolution of our shareholders. Under the Companies Act, the redemption or repurchase of any share may be paid out of our Company's profits or out of the proceeds of a new issue of shares made for the purpose of such redemption or repurchase, or out of capital (including share premium account and capital redemption reserve) if our company can, immediately following such payment, pay its debts as they fall due in the ordinary course of business. In addition, under the Companies Act no such share may be redeemed or repurchased (a) unless it is fully paid up, (b) if such redemption or repurchase would result in there being no shares issued and outstanding or (c) if the company has commenced liquidation. In addition, our company may accept the surrender of any fully paid share for no consideration.

Variations of Rights of Shares. If at any time, our share capital is divided into different classes or series of shares, the rights attached to any class or series of shares (subject to any rights or restrictions attached to any class or series), may be materially adversely varied only with the consent in writing of the holders of two-thirds of the issued shares of that class or series or with the sanction of a special resolution passed by two-thirds of the votes cast at a separate meeting of the holders of the shares of the class or series. The rights conferred upon the holders of the shares of any class issued with preferred or other rights shall not, subject to the any rights or restrictions attached to the shares of that class, be deemed to be materially adversely varied by the creation, allotment or issue of further shares ranking *pari passu* with or subsequent to them or the redemption or purchase of shares of any class by the company. The rights of the holders of shares shall not be deemed to be materially adversely varied by the creation or issue of shares with preferred or other rights including, without limitation, the creation of shares with enhanced or weighted voting rights.

Issuance of Additional Shares. Our memorandum and articles of association authorizes our board of directors to issue additional ordinary shares from time to time as our board of directors shall determine, to the extent of available authorized but unissued shares.

Our memorandum and articles of association also authorizes our board of directors to establish from time to time one or more series of preference shares and to determine, with respect to any series of preference shares, the terms and rights of that series, including:

- the designation of the series;
- the number of shares of the series;
- the dividend rights, dividend rates, conversion rights, voting rights; and
- the rights and terms of redemption and liquidation preferences.

Our board of directors may issue preference shares without action by our shareholders to the extent authorized but unissued. Issuance of these shares may dilute the voting power of holders of ordinary shares.

Inspection of Books and Records. Holders of our ordinary shares will have no general right under Cayman Islands law to inspect or obtain copies of our list of shareholders or our corporate records (other than our memorandum and articles of association, special resolutions, and register of mortgages and charges).

Anti-Takeover Provisions. Some provisions of our memorandum and articles of association may discourage, delay or prevent a change of control of our company or management that shareholders may consider favorable, including provisions that:

- authorize our board of directors to issue preference shares in one or more series and to designate the price, rights, preferences, privileges and restrictions of such preference shares without any further vote or action by our shareholders; and
- limit the ability of shareholders to requisition and convene general meetings of shareholders.

However, under Cayman Islands law, our directors may only exercise the rights and powers granted to them under our memorandum and articles of association for a proper purpose and for what they believe in good faith to be in the best interests of our company.

Changes in Capital. We may from time to time by ordinary resolution increase the share capital by such sum, to be divided into shares of such classes and amount, as the resolution shall prescribe. We may by ordinary resolution:

- increase its share capital by new shares of such amount as it thinks expedient;
- consolidate and divide all or any of its share capital into shares of a larger amount than its existing shares;
- subdivide its shares, or any of them, into shares of an amount smaller than that fixed by the Memorandum and Articles of Association, provided that in the subdivision the proportion between the amount paid and the amount, if any, unpaid on each reduced share shall be the same as it was in case of the Share from which the reduced share is derived; and
- cancel any shares that, at the date of the passing of the resolution, have not been taken or agreed to be taken by any person and diminish the amount of its share capital by the amount of the shares so cancelled.

We may by special resolution reduce its share capital and any capital redemption reserve in any manner authorized by the Companies Act.

Exempted Company. We are an exempted company with limited liability under the Companies Act. The Companies Act distinguishes between ordinary resident companies and exempted companies. Any company that is registered in the Cayman Islands but conducts business mainly outside of the Cayman Islands may apply to be registered as an exempted company. The requirements for an exempted company are essentially the same as for an ordinary company except that an exempted company:

- does not have to file an annual return of its shareholders with the Registrar of Companies;
- is not required to open its register of members for inspection;
- does not have to hold an annual general meeting;
- may obtain an undertaking against the imposition of any future taxation (such undertakings are usually given for 20 years in the first instance);
- may register by way of continuation in another jurisdiction and be deregistered in the Cayman Islands;
- may register as a limited duration company; and
- may register as a segregated portfolio company.

“Limited liability” means that the liability of each shareholder is limited to the amount unpaid by the shareholder on the shares of the company (except in exceptional circumstances, such as involving fraud, the establishment of an agency relationship or an illegal or improper purpose or other circumstances in which a court may be prepared to pierce or lift the corporate veil).

Registered Office and Objects

Our registered office in the Cayman Islands is located at Maples Corporate Services Limited, PO Box 309, Ugland House, Grand Cayman, KY1-1104, Cayman Islands, or at such other location within the Cayman Islands as our directors may from time to time decide. The objects for which our company is established are unrestricted and we have full power and authority to carry out any object not prohibited by the Companies Act or any other law of the Cayman Islands.

Board of Directors

Our board of directors consists of three directors. A director is not required to hold any shares in our company by way of qualification. A director who is in any way, whether directly or indirectly, interested in a contract or proposed contract with our company is required to declare the nature of his interest at a meeting of our directors. A director may vote with respect to any contract notwithstanding that he may be interested therein, and if he does so his vote shall be counted and he may be counted in the quorum at any meeting of our directors at which any such contract or proposed contract or arrangement is considered. Our directors may exercise all the powers of our company to borrow money, mortgage or charge its undertaking, property and uncalled capital, and to issue debentures or other securities whenever money is borrowed or as security for any debt, liability or obligation of our company or of any third party. None of our non-executive directors has a service contract with us that provides for benefits upon termination of service.

Differences in Corporate Law

The Companies Act of the Cayman Islands is derived, to a large extent, from the older Companies Acts of England but does not follow recent English statutory enactments and accordingly there are significant differences between the Companies Act of the Cayman Islands and the current Companies Act of England. In addition, the Companies Act differs from laws applicable to U.S. corporations and their shareholders. Set forth below is a summary of certain significant differences between the provisions of the Companies Act applicable to us and the laws applicable to companies incorporated in the United States and their shareholders.

Mergers and Similar Arrangements. The Companies Act permits mergers and consolidations between Cayman Islands companies and between Cayman Islands companies and non-Cayman Islands companies. For these purposes, (i) “merger” means the merging of two or more constituent companies and the vesting of their undertaking, property and liabilities in one of such companies as the surviving company, and (ii) a “consolidation” means the combination of two or more constituent companies into a consolidated company and the vesting of the undertaking, property and liabilities of such companies to the consolidated company. In order to effect such a merger or consolidation, the directors of each constituent company must approve a written plan of merger or consolidation, which must then be authorized by (a) a special resolution of the shareholders of each constituent company, and (b) such other authorization, if any, as may be specified in such constituent company’s articles of association. The plan must be filed with the Registrar of Companies of the Cayman Islands together with a declaration as to the solvency of the consolidated or surviving company, a list of the assets and liabilities of each constituent company and an undertaking that a copy of the certificate of merger or consolidation will be given to the members and creditors of each constituent company and that notification of the merger or consolidation will be published in the Cayman Islands Gazette. Court approval is not required for a merger or consolidation which is effected in compliance with these statutory procedures.

A merger between a Cayman parent company and its Cayman subsidiary or subsidiaries does not require authorization by a resolution of shareholders of that Cayman subsidiary if a copy of the plan of merger is given to every member of that Cayman subsidiary to be merged unless that member agrees otherwise. For this purpose a company is a “parent” of a subsidiary if it holds issued shares that together represent at least ninety percent (90%) of the votes at a general meeting of the subsidiary.

The consent of each holder of a fixed or floating security interest over a constituent company is required unless this requirement is waived by a court in the Cayman Islands.

Save in certain limited circumstances, a shareholder of a Cayman constituent company who dissents from the merger or consolidation is entitled to payment of the fair value of his shares (which, if not agreed between the parties, will be determined by the Cayman Islands court) upon dissenting to the merger or consolidation, provided that the dissenting shareholder complies strictly with the procedures set out in the Companies Act. The exercise of dissenter rights will preclude the exercise by the dissenting shareholder of any other rights to which he or she might otherwise be entitled by virtue of holding shares, save for the right to seek relief on the grounds that the merger or consolidation is void or unlawful.

Separate from the statutory provisions relating to mergers and consolidations, the Companies Act also contains statutory provisions that facilitate the reconstruction and amalgamation of companies by way of schemes of arrangement, provided that the arrangement is approved by a majority in number of each class of shareholders and creditors with whom the arrangement is to be made, and who must in addition represent three-fourths in value of each such class of shareholders or creditors, as the case may be, that are present and voting either in person or by proxy at a meeting, or meetings, convened for that purpose. The convening of the meetings and subsequently the arrangement must be sanctioned by the Grand Court of the Cayman Islands. While a dissenting shareholder has the right to express to the court the view that the transaction ought not to be approved, the court can be expected to approve the arrangement if it determines that:

- the statutory provisions as to the required majority vote have been met;
- the shareholders have been fairly represented at the meeting in question and the statutory majority are acting bona fide without coercion of the minority to promote interests adverse to those of the class;
- the arrangement is such that may be reasonably approved by an intelligent and honest man of that class acting in respect of his interest; and
- the arrangement is not one that would more properly be sanctioned under some other provision of the Companies Act.

The Companies Act also contains a statutory power of compulsory acquisition which may facilitate the “squeeze out” of dissentient minority shareholder upon a tender offer. When a tender offer is made and accepted by holders of 90.0% of the shares affected within four months, the offeror may, within a two-month period commencing on the expiration of such four month period, require the holders of the remaining shares to transfer such shares to the offeror on the terms of the offer. An objection can be made to the Grand Court of the Cayman Islands but this is unlikely to succeed in the case of an offer which has been so approved unless there is evidence of fraud, bad faith or collusion.

If an arrangement and reconstruction by way of scheme of arrangement is thus approved and sanctioned, or if a tender offer is made and accepted in accordance with the foregoing statutory procedures, a dissenting shareholder would have no rights comparable to appraisal rights, which would otherwise ordinarily be available to dissenting shareholders of Delaware corporations, providing rights to receive payment in cash for the judicially determined value of the shares.

Shareholders’ Suits. In principle, we will normally be the proper plaintiff to sue for a wrong done to us as a company, and as a general rule a derivative action may not be brought by a minority shareholder. However, based on English authorities, which would in all likelihood be of persuasive authority in the Cayman Islands, the Cayman Islands court can be expected to follow and apply the common law principles (namely the rule in *Foss v. Harbottle* and the exceptions thereto) so that a non-controlling shareholder may be permitted to commence a class action against or derivative actions in the name of the company to challenge actions where:

- a company acts or proposes to act illegally or ultra vires;
- the act complained of, although not ultra vires, could only be effected duly if authorized by more than a simple majority vote that has not been obtained; and
- those who control the company are perpetrating a “fraud on the minority.”

Indemnification of Directors and Executive Officers and Limitation of Liability. Cayman Islands law 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 civil fraud or the consequences of committing a crime. Our Memorandum and 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 have entered into indemnification agreements with our directors and executive officers that provide such persons with additional indemnification beyond that provided in our Memorandum and Articles of Association.

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.

Directors' Fiduciary Duties. Under Delaware corporate law, a director of a Delaware corporation has a fiduciary duty to the corporation and its shareholders. This duty has two components: the duty of care and the duty of loyalty. The duty of care requires that a director act in good faith, with the care that an ordinarily prudent person would exercise under similar circumstances. Under this duty, a director must inform himself of, and disclose to shareholders, all material information reasonably available regarding a significant transaction. The duty of loyalty requires that a director acts in a manner he reasonably believes to be in the best interests of the corporation. He must not use his corporate position for personal gain or advantage. This duty prohibits self-dealing by a director and mandates that the best interest of the corporation and its shareholders take precedence over any interest possessed by a director, officer or controlling shareholder and not shared by the shareholders generally. In general, actions of a director are presumed to have been made on an informed basis, in good faith and in the honest belief that the action taken was in the best interests of the corporation. However, this presumption may be rebutted by evidence of a breach of one of the fiduciary duties. Should such evidence be presented concerning a transaction by a director, the director must prove the procedural fairness of the transaction, and that the transaction was of fair value to the corporation.

As a matter of Cayman Islands law, a director of a Cayman Islands company is in the position of a fiduciary with respect to the company and therefore it is considered that he owes the following duties to the company — a duty to act bona fide in the best interests of the company, a duty not to make a profit based on his position as director (unless the company permits him to do so), a duty not to put himself in a position where the interests of the company conflict with his personal interest or his duty to a third party, and a duty to exercise powers for the purpose for which such powers were intended. A director of a Cayman Islands company owes to the company a duty to act with skill and care. It was previously considered that a director need not exhibit in the performance of his duties a greater degree of skill than may reasonably be expected from a person of his knowledge and experience. However, English and Commonwealth courts have moved towards an objective standard with regard to the required skill and care and these authorities are likely to be followed in the Cayman Islands.

Shareholder Action by Written Consent. Under the Delaware General Corporation Law, a corporation may eliminate the right of shareholders to act by written consent by amendment to its certificate of incorporation. Cayman Islands law and our Memorandum and Articles of Association provide that our shareholders may approve corporate matters by way of a unanimous written resolution signed by or on behalf of each shareholder who would have been entitled to vote on such matter at a general meeting without a meeting being held.

Shareholder Proposals. Under the Delaware General Corporation Law, a shareholder has the right to put any proposal before the annual meeting of shareholders; provided it complies with the notice provisions in the governing documents. A special meeting may be called by the board of directors or any other person authorized to do so in the governing documents, but shareholders may be precluded from calling special meetings.

The Companies Act provides shareholders with only limited rights to requisition a general meeting, and does not provide shareholders with any right to put any proposal before a general meeting. However, these rights may be provided in a company's articles of association. Our Memorandum and Articles of Association allow any one or more of our shareholders who together hold shares which carry in aggregate not less than fifty percent (50%) of the total number of votes attaching to all the issued and outstanding shares of our company entitled to vote at general meetings to requisition an extraordinary general meeting of our shareholders, in which case our board is obliged to convene an extraordinary general meeting and to put the resolutions so requisitioned to a vote at such meeting. Other than this right to requisition a shareholders' meeting, our Memorandum and Articles of Association do not provide our shareholders with any other right to put proposals before annual general meetings or extraordinary general meetings. As an exempted Cayman Islands company, we are not obliged by law to call shareholders' annual general meetings.

Cumulative Voting. Under the Delaware General Corporation Law, cumulative voting for elections of directors is not permitted unless the corporation's certificate of incorporation specifically provides for it. Cumulative voting potentially facilitates the representation of minority shareholders on a board of directors since it permits the minority shareholder to cast all the votes to which the shareholder is entitled on a single director, which increases the shareholder's voting power with respect to electing such director. There are no prohibitions in relation to cumulative voting under the laws of the Cayman Islands but our Memorandum and Articles of Association do not provide for cumulative voting. As a result, our shareholders are not afforded any less protections or rights on this issue than shareholders of a Delaware corporation.

Removal of Directors. Under the Delaware General Corporation Law, a director of a corporation with a classified board may be removed only for cause with the approval of a majority of the outstanding shares entitled to vote, unless the certificate of incorporation provides otherwise. Under our Memorandum and Articles of Association, directors may be removed with or without cause, by an ordinary resolution of our shareholders.

Transactions with Interested Shareholders. The Delaware General Corporation Law contains a business combination statute applicable to Delaware corporations whereby, unless the corporation has specifically elected not to be governed by such statute by amendment to its certificate of incorporation, it is prohibited from engaging in certain business combinations with an "interested shareholder" for three years following the date that such person becomes an interested shareholder. An interested shareholder generally is a person or a group who or which owns or owned 15% or more of the target's outstanding voting share within the past three years. This has the effect of limiting the ability of a potential acquirer to make a two-tiered bid for the target in which all shareholders would not be treated equally. The statute does not apply if, among other things, prior to the date on which such shareholder becomes an interested shareholder, the board of directors approves either the business combination or the transaction which resulted in the person becoming an interested shareholder. This encourages any potential acquirer of a Delaware corporation to negotiate the terms of any acquisition transaction with the target's board of directors.

Cayman Islands law has no comparable statute. As a result, we cannot avail ourselves of the types of protections afforded by the Delaware business combination statute. However, although Cayman Islands law does not regulate transactions between a company and its significant shareholders, it does provide that such transactions must be entered into bona fide in the best interests of the company and not with the effect of constituting a fraud on the minority shareholders.

Dissolution; Winding Up. Under the Delaware General Corporation Law, unless the board of directors approves the proposal to dissolve, dissolution must be approved by shareholders holding 100% of the total voting power of the corporation. Only if the dissolution is initiated by the board of directors may it be approved by a simple majority of the corporation's outstanding shares. Delaware law allows a Delaware corporation to include in its certificate of incorporation a supermajority voting requirement in connection with dissolutions initiated by the board.

Under Cayman Islands law, a company may be wound up by either an order of the courts of the Cayman Islands or by a special resolution of its members or, if the company is unable to pay its debts as they fall due, by an ordinary resolution of its members. The court has authority to order winding up in a number of specified circumstances including where it is, in the opinion of the court, just and equitable to do so. Under the Companies Act, our company may be wound up by a special resolution of our shareholders, or by an ordinary resolution of our shareholders, if our company is unable to pay its debts as they fall due.

Variation of Rights of Shares. Under the Delaware General Corporation Law, a corporation may vary the rights of a class of shares with the approval of a majority of the outstanding shares of such class, unless the certificate of incorporation provides otherwise. Under our Memorandum and Articles of Association, if our share capital is divided into more than one class of shares, we may materially adversely vary the rights attached to any class only with the written consent of the holders of two-thirds of the issued shares of that class or with the sanction of a special resolution passed by two-thirds of votes cast at a separate meeting of the holders of the shares of that class. The rights conferred upon the holders of the shares of any class issued with preferred or other rights shall not, subject to the any rights or restrictions attached to the shares of that class, be deemed to be materially adversely varied by the creation, allotment or issue of further shares ranking *pari passu* with or subsequent to them or the redemption or purchase of shares of any class by the company. The rights of the holders of shares shall not be deemed to be materially adversely varied by the creation or issue of shares with preferred or other rights including, without limitation, the creation of shares with enhanced or weighted voting rights

Amendment of Governing Documents. Under the Delaware General Corporation Law, a corporation's governing documents may be amended with the approval of a majority of the outstanding shares entitled to vote, unless the certificate of incorporation provides otherwise. Under the Companies Act and our Memorandum and Articles of Association, our Memorandum and Articles of Association may only be amended by a special resolution of our shareholders.

Rights of Non-Resident or Foreign Shareholders. There are no limitations imposed by our Memorandum and Articles of Association on the rights of non-resident or foreign shareholders to hold or exercise voting rights on our shares. In addition, there are no provisions in our Memorandum and Articles of Association that require our company to disclose shareholder ownership above any particular ownership threshold.

DESCRIPTION OF AMERICAN DEPOSITARY SHARES

American Depositary Shares

JPMorgan Chase Bank, N.A., or JPMorgan, as depositary, issues the ADSs. Each ADS represents an ownership interest in a designated number of shares which we will deposit with the custodian, as agent of the depositary, under the deposit agreement among our company, the depositary, ADR holders, and all beneficial owners of an interest in the ADSs evidenced by ADRs from time to time.

The depositary's office is located at 383 Madison Avenue, Floor 11, New York, NY 10179.

The ADS to share ratio is subject to amendment as provided in the form of ADR (which may give rise to fees contemplated by the form of ADR). Each ADS also represents any securities, cash or other property deposited with the depositary but which they have not distributed directly to you.

A beneficial owner is any person or entity having a beneficial ownership interest ADSs. A beneficial owner need not be the holder of the ADR evidencing such ADS. If a beneficial owner of ADSs is not an ADR holder, it must rely on the holder of the ADR(s) evidencing such ADSs in order to assert any rights or receive any benefits under the deposit agreement. A beneficial owner shall only be able to exercise any right or receive any benefit under the deposit agreement solely through the holder of the ADR(s) evidencing the ADSs owned by such beneficial owner. The arrangements between a beneficial owner of ADSs and the holder of the corresponding ADRs may affect the beneficial owner's ability to exercise any rights it may have.

An ADR holder shall be deemed to have all requisite authority to act on behalf of any and all beneficial owners of the ADSs evidenced by the ADRs registered in such ADR holder's name for all purposes under the deposit agreement and ADRs. The depositary's only notification obligations under the deposit agreement and the ADRs is to registered ADR holders. Notice to an ADR holder shall be deemed, for all purposes of the deposit agreement and the ADRs, to constitute notice to any and all beneficial owners of the ADSs evidenced by such ADR holder's ADRs.

Unless certificated ADRs are specifically requested, all ADSs will be issued on the books of our depositary in book-entry form and periodic statements will be mailed to you which reflect your ownership interest in such ADSs. In our description, references to American depositary receipts or ADRs shall include the statements you will receive which reflect your ownership of ADSs.

You may hold ADSs either directly or indirectly through your broker or other financial institution. If you hold ADSs directly, by having an ADS registered in your name on the books of the depositary, you are an ADR holder. This description assumes you hold your ADSs directly. If you hold the ADSs through your broker or financial institution nominee, you must rely on the procedures of such broker or financial institution to assert the rights of an ADR holder described in this section. You should consult with your broker or financial institution to find out what those procedures are.

As an ADR holder or beneficial owner, we will not treat you as a shareholder of ours and you will not have any shareholder rights. Cayman Island law governs shareholder rights. Because the depositary or its nominee will be the shareholder of record for the shares represented by all outstanding ADSs, shareholder rights rest with such record holder. Your rights are those of an ADR holder or of a beneficial owner. Such rights derive from the terms of the deposit agreement to be entered into among us, the depositary and all holders and beneficial owners from time to time of ADRs issued under the deposit agreement and, in the case of a beneficial owner, from the arrangements between the beneficial owner and the holder of the corresponding ADRs. The obligations of the depositary and its agents are also set out in the deposit agreement. Because the depositary or its nominee will actually be the registered owner of the shares, you must rely on it to exercise the rights of a shareholder on your behalf.

The following is a summary of what we believe to be the material terms of the deposit agreement. Notwithstanding this, because it is a summary, it may not contain all the information that you may otherwise deem important. For more complete information, you should read the entire deposit agreement and the form of ADR which contains the terms of your ADSs. You can read a copy of the form of deposit agreement which is [filed as exhibit 4.3 to the Form F-1 filed on December 6, 2019 \(File No. 333-235398\)](#). The form of ADR is incorporated in the deposit agreement. You may also obtain a copy of the deposit

agreement at the SEC's Public Reference Room which is located at 100 F Street, NE, Washington, DC 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-732-0330. You may also find the registration statement and the attached deposit agreement on the SEC's website at <http://www.sec.gov>.

Share Dividends and Other Distributions

How will I receive dividends and other distributions on the shares underlying my ADSs?

We may make various types of distributions with respect to our securities. The depositary has agreed that, to the extent practicable, it will pay to you the cash dividends or other distributions it or the custodian receives on shares or other deposited securities, after converting any cash received into U.S. dollars (if it determines such conversion may be made on a reasonable basis) and, in all cases, making any necessary deductions provided for in the deposit agreement. The depositary may utilize a division, branch or affiliate of JPMorgan to direct, manage and/or execute any public and/or private sale of securities under the deposit agreement. Such division, branch and/or affiliate may charge the depositary a fee in connection with such sales, which fee is considered an expense of the depositary. You will receive these distributions in proportion to the number of underlying securities that your ADSs represent.

Except as stated below, the depositary will deliver such distributions to ADR holders in proportion to their interests in the following manner:

- *Cash.* The depositary will distribute any U.S. dollars available to it resulting from a cash dividend or other cash distribution or the net proceeds of sales of any other distribution or portion thereof (to the extent applicable), on an averaged or other practicable basis, subject to (i) appropriate adjustments for taxes withheld, (ii) such distribution being impermissible or impracticable with respect to certain registered ADR holders, and (iii) deduction of the depositary's and/or its agents' expenses in (1) converting any foreign currency to U.S. dollars to the extent that it determines that such conversion may be made on a reasonable basis, (2) transferring foreign currency or U.S. dollars to the United States by such means as the depositary may determine to the extent that it determines that such transfer may be made on a reasonable basis, (3) obtaining any approval or license of any governmental authority required for such conversion or transfer, which is obtainable at a reasonable cost and within a reasonable time and (4) making any sale by public or private means in any commercially reasonable manner. If exchange rates fluctuate during a time when the depositary cannot convert a foreign currency, you may lose some or all of the value of the distribution.
- *Shares.* In the case of a distribution in shares, the depositary will issue additional ADRs to evidence the number of ADSs representing such shares. Only whole ADSs will be issued. Any shares which would result in fractional ADSs will be sold and the net proceeds will be distributed in the same manner as cash to the ADR holders entitled thereto.
- *Rights to receive additional shares.* In the case of a distribution of rights to subscribe for additional shares or other rights, if we timely provide evidence satisfactory to the depositary that it may lawfully distribute such rights, the depositary will distribute warrants or other instruments in the discretion of the depositary representing such rights. However, if we do not timely furnish such evidence, the depositary may: (i) sell such rights if practicable and distribute the net proceeds in the same manner as cash to the ADR holders entitled thereto; or (ii) if it is not practicable to sell such rights by reason of the non-transferability of the rights, limited markets therefor, their short duration or otherwise, do nothing and allow such rights to lapse, in which case ADR holders will receive nothing and the rights may lapse.
- *Other Distributions.* In the case of a distribution of securities or property other than those described above, the depositary may either (i) distribute such securities or property in any manner it deems equitable and practicable or (ii) to the extent the depositary deems distribution of such securities or property not to be equitable and practicable, sell such securities or property and distribute any net proceeds in the same way it distributes cash.

If the depositary determines in its discretion that any distribution described above is not practicable with respect to any specific registered ADR holder, the depositary may choose any method of distribution

that it deems practicable for such ADR holder, including the distribution of foreign currency, securities or property, or it may retain such items, without paying interest on or investing them, on behalf of the ADR holder as deposited securities, in which case the ADSs will also represent the retained items.

Any U.S. dollars will be distributed by checks drawn on a bank in the United States for whole dollars and cents. Fractional cents will be withheld without liability and dealt with by the depository in accordance with its then current practices.

The depository is not responsible if it fails to determine that any distribution or action is lawful or reasonably practicable.

There can be no assurance that the depository will be able to convert any currency at a specified exchange rate or sell any property, rights, shares or other securities at a specified price, nor that any of such transactions can be completed within a specified time period. All purchases and sales of securities will be handled by the depository in accordance with its then current policies, which are currently set forth in the “Depository Receipt Sale and Purchase of Security” section of <https://www.adr.com/Investors/FindOutAboutDRs>, the location and contents of which the depository shall be solely responsible for.

Deposit, Withdrawal and Cancellation

How does the depository issue ADSs?

The depository will issue ADSs if you or your broker deposit shares or evidence of rights to receive shares with the custodian and pay the fees and expenses owing to the depository in connection with such issuance.

Shares deposited with the custodian must be accompanied by certain delivery documentation and shall, at the time of such deposit, be registered in the name of JPMorgan Chase Bank, N.A., as depository for the benefit of holders of ADRs or in such other name as the depository shall direct.

The custodian will hold all deposited shares for the account and to the order of the depository, in each case for the benefit of ADR holders. ADR holders and beneficial owners thus have no direct ownership interest in the shares and only have such rights as are contained in the deposit agreement. The custodian will also hold any additional securities, property and cash received on or in substitution for the deposited shares. The deposited shares and any such additional items are referred to as “deposited securities.”

Deposited securities are not intended to, and shall not, constitute proprietary assets of the depository, the custodian or their nominees. Beneficial ownership in deposited securities is intended to be, and shall at all times during the term of the deposit agreement continue to be, vested in the beneficial owners of the ADSs representing such deposited securities. Notwithstanding anything else contained herein, in the deposit agreement, in the form of ADR and/or in any outstanding ADSs, the depository, the custodian and their respective nominees are intended to be, and shall at all times during the term of the deposit agreement be, the record holder(s) only of the deposited securities represented by the ADSs for the benefit of the ADR holders. The depository, on its own behalf and on behalf of the custodian and their respective nominees, disclaims any beneficial ownership interest in the deposited securities held on behalf of the ADR holders.

Upon each deposit of shares, receipt of related delivery documentation and compliance with the other provisions of the deposit agreement, including the payment of the fees and charges of the depository and any taxes or other fees or charges owing, the depository will issue an ADR or ADRs in the name or upon the order of the person entitled thereto evidencing the number of ADSs to which such person is entitled. All of the ADSs issued will, unless specifically requested to the contrary, be part of the depository’s direct registration system, and a registered holder will receive periodic statements from the depository which will show the number of ADSs registered in such holder’s name. An ADR holder can request that the ADSs not be held through the depository’s direct registration system and that a certificated ADR be issued.

How do ADR holders cancel an ADS and obtain deposited securities?

When you turn in your ADR certificate at the depository’s office, or when you provide proper instructions and documentation in the case of direct registration ADSs, the depository will, upon payment

of certain applicable fees, charges and taxes, deliver the underlying shares to you or upon your written order. Delivery of deposited securities in certificated form will be made at the custodian's office. At your risk, expense and request, the depository may deliver deposited securities at such other place as you may request.

The depository may only restrict the withdrawal of deposited securities in connection with:

- temporary delays caused by closing our transfer books or those of the depository or the deposit of shares in connection with voting at a shareholders' meeting, or the payment of dividends;
- the payment of fees, taxes and similar charges; or
- compliance with any U.S. or foreign laws or governmental regulations relating to the ADRs or to the withdrawal of deposited securities.

This right of withdrawal may not be limited by any other provision of the deposit agreement.

Record Dates

The depository may, after consultation with us if practicable, fix record dates (which, to the extent applicable, shall be as near as practicable to any corresponding record dates set by us) for the determination of the registered ADR holders who will be entitled (or obligated, as the case may be):

- to receive any distribution on or in respect of deposited securities,
- to give instructions for the exercise of voting rights at a meeting of holders of shares,
- to pay the fee assessed by the depository for administration of the ADR program and for any expenses as provided for in the ADR, or
- to receive any notice or to act in respect of other matters,
- all subject to the provisions of the deposit agreement.

Voting Rights

How do I vote?

If you are an ADR holder and the depository asks you to provide it with voting instructions, you may instruct the depository how to exercise the voting rights for the shares which underlie your ADSs. As soon as practicable after receipt from us of notice of any meeting at which the holders of shares are entitled to vote, or of our solicitation of consents or proxies from holders of shares, the depository shall fix the ADS record date in accordance with the provisions of the deposit agreement, provided that if the depository receives a written request from us in a timely manner and at least 30 days prior to the date of such vote or meeting, the depository shall, at our expense, distribute to the registered ADR holders a "voting notice" stating (i) final information particular to such vote and meeting and any solicitation materials, (ii) that each ADR holder on the record date set by the depository will, subject to any applicable provisions of Cayman Islands law, be entitled to instruct the depository as to the exercise of the voting rights, if any, pertaining to the deposited securities represented by the ADSs evidenced by such ADR holder's ADRs and (iii) the manner in which such instructions may be given, or deemed to be given pursuant to the terms of the deposit agreement, including instructions for giving a discretionary proxy to a person designated by us. Each ADR holder shall be solely responsible for the forwarding of voting notices to the beneficial owners of ADSs registered in such ADR holder's name. There is no guarantee that ADR holders and beneficial owners generally or any holder or beneficial owner in particular will receive the notice described above with sufficient time to enable such ADR holder or beneficial owner to return any voting instructions to the depository in a timely manner.

Following actual receipt by the ADR department responsible for proxies and voting of ADR holders' instructions (including, without limitation, instructions of any entity or entities acting on behalf of the nominee for DTC), the depository shall, in the manner and on or before the time established by the depository for such purpose, endeavor to vote or cause to be voted the deposited securities represented by the ADSs

evidenced by such ADR holders' ADRs in accordance with such instructions insofar as practicable and permitted under the provisions of or governing deposited securities.

To the extent that (A) we have provided the depositary with at least 35 days' notice of the proposed meeting, (B) the voting notice will be received by all ADR holders and beneficial owners no less than 10 days prior to the date of the meeting and/or the cut-off date for the solicitation of consents, and (C) the depositary does not receive instructions on a particular agenda item from an ADR holder (including, without limitation, any entity or entities acting on behalf of the nominee for DTC) in a timely manner, such ADR holder shall be deemed, and in the deposit agreement the depositary is instructed to deem such ADR holder, to have instructed the depositary to give a discretionary proxy for such agenda item(s) to a person designated by us to vote the deposited securities represented by the ADSs for which actual instructions were not so given by all such ADR holders on such agenda item(s), provided that no such instruction shall be deemed given and no discretionary proxy shall be given unless (1) we inform the depositary in writing (and we agree to provide the depositary with such instruction promptly in writing) that (a) we wish such proxy to be given with respect to such agenda item(s), (b) there is no substantial opposition existing with respect to such agenda item(s) and (c) such agenda item(s), if approved, would not materially or adversely affect the rights of holders of shares, and (2) the depositary has obtained an opinion of counsel, in form and substance satisfactory to the depositary, confirming that (i) the granting of such discretionary proxy does not subject the depositary to any reporting obligations in the Cayman Islands, (ii) the granting of such proxy will not result in a violation of the laws, rules, regulations or permits of the Cayman Islands, (iii) the voting arrangement and deemed instruction as contemplated herein will be given effect under the laws, rules and regulations of the Cayman Islands, and (iv) the granting of such discretionary proxy will not under any circumstances result in the shares represented by the ADSs being treated as assets of the depositary under the laws, rules or regulations of the Cayman Islands.

The depositary may from time to time access information available to it to consider whether any of the circumstances described above exist, or request additional information from us in respect thereto. By taking any such action, the depositary shall not in any way be deemed or inferred to have been required, or have had any duty or responsibility (contractual or otherwise), to monitor or inquire whether any of the circumstances described above existed. In addition to the limitations provided for in the deposit agreement, ADR holders and beneficial owners are advised and agree that (a) the depositary will rely fully and exclusively on us to inform it of any of the circumstances set forth above, and (b) neither the depositary, the custodian nor any of their respective agents shall be obliged to inquire or investigate whether any of the circumstances described above exist and/or whether we complied with our obligation to timely inform the depositary of such circumstances. Neither the depositary, the custodian nor any of their respective agents shall incur any liability to ADR holders or beneficial owners (i) as a result of our failure to determine that any of the circumstances described above exist or our failure to timely notify the depositary of any such circumstances or (ii) if any agenda item which is approved at a meeting has, or is claimed to have, a material or adverse effect on the rights of holders of shares. Because there is no guarantee that ADR holders and beneficial owners will receive the notices described above with sufficient time to enable such ADR holders or beneficial owners to return any voting instructions to the depositary in a timely manner, ADR holders and beneficial owners may be deemed to have instructed the depositary to give a discretionary proxy to a person designated by us in such circumstances, and neither the depositary, the custodian nor any of their respective agents shall incur any liability to ADR holders or beneficial owners in such circumstances.

ADR holders are strongly encouraged to forward their voting instructions to the depositary as soon as possible. For instructions to be valid, the ADR department of the depositary that is responsible for proxies and voting must receive them in the manner and on or before the time specified, notwithstanding that such instructions may have been physically received by the depositary prior to such time. The depositary will not itself exercise any voting discretion in respect of deposited securities. The depositary and its agents will not be responsible for any failure to carry out any instructions to vote any of the deposited securities, for the manner in which any voting instructions are given or deemed to be given in accordance with the terms of the deposit agreement, including instructions to give a discretionary proxy to a person designated by us, for the manner in which any vote is cast, including, without limitation, any vote cast by a person to whom the depositary is instructed to grant a discretionary proxy (or deemed to have been instructed pursuant to the terms of the deposit agreement), or for the effect of any such vote. Notwithstanding anything contained in the deposit agreement or any ADR, the depositary may, to the extent not prohibited by any law, regulation,

or requirement of the stock exchange on which the ADSs are listed, in lieu of distribution of the materials provided to the depositary in connection with any meeting of or solicitation of consents or proxies from holders of deposited securities, distribute to the registered holders of ADRs a notice that provides such ADR holders with or otherwise publicizes to such ADR holders instructions on how to retrieve such materials or receive such materials upon request (i.e., by reference to a website containing the materials for retrieval or a contact for requesting copies of the materials).

We have advised the depositary that under Cayman Islands law and our constituent documents, each as in effect as of the date of the deposit agreement, voting at any meeting of shareholders is by show of hands unless a poll is (before or on the declaration of the results of the show of hands) demanded. In the event that voting on any resolution or matter is conducted on a show of hands basis in accordance with our constituent documents, the depositary will refrain from voting and the voting instructions received by the depositary from ADR holders shall lapse. The depositary will not demand a poll or join in demanding a poll, whether or not requested to do so by ADR holders or beneficial owners.

There is no guarantee that you will receive voting materials in time to instruct the depositary to vote and it is possible that you, or persons who hold their ADSs through brokers, dealers or other third parties, will not have the opportunity to exercise a right to vote.

Reports and Other Communications

Will ADR holders be able to view our reports?

The depositary will make available for inspection by ADR holders at the offices of the depositary and the custodian the deposit agreement, the provisions of or governing deposited securities, and any written communications from us which are both received by the custodian or its nominee as a holder of deposited securities and made generally available to the holders of deposited securities.

Additionally, if we make any written communications generally available to holders of our shares, and we furnish copies thereof (or English translations or summaries) to the depositary, it will distribute the same to registered ADR holders.

Payment of Taxes

ADR holders or beneficial owners must pay any tax or other governmental charge payable by the custodian or the depositary on any ADS or ADR, deposited security or distribution. If any taxes or other governmental charges (including any penalties and/or interest) shall become payable by or on behalf of the custodian or the depositary with respect to any ADR, any deposited securities represented by the ADSs evidenced thereby or any distribution thereon, including, without limitation, any Chinese Enterprise Income Tax owing if the Circular Guoshuifa [2009] No. 82 issued by the Chinese State Administration of Taxation (SAT) or any other circular, edict, order or ruling, as issued and as from time to time amended, is applied or otherwise, such tax or other governmental charge shall be paid by the ADR holder thereof to the depositary and by holding or owning, or having held or owned, an ADR or any ADSs evidenced thereby, the ADR holder and all beneficial owners thereof, and all prior ADR holders and beneficial owners thereof, jointly and severally, agree to indemnify, defend and save harmless each of the depositary and its agents in respect of such tax or other governmental charge. Notwithstanding the depositary's right to seek payment from current and former beneficial owners, by holding or owning, or having held or owned, an ADR, the ADR holder thereof (and prior ADR holder thereof) acknowledges and agrees that the depositary has no obligation to seek payment of amounts owing from any current or former beneficial owner. If an ADR holder owes any tax or other governmental charge, the depositary may (i) deduct the amount thereof from any cash distributions, or (ii) sell deposited securities (by public or private sale) and deduct the amount owing from the net proceeds of such sale. In either case the ADR holder remains liable for any shortfall. If any tax or governmental charge is unpaid, the depositary may also refuse to effect any registration, registration of transfer, split-up or combination of deposited securities or withdrawal of deposited securities until such payment is made. If any tax or governmental charge is required to be withheld on any cash distribution, the depositary may deduct the amount required to be withheld from any cash distribution or, in the case of a non-cash distribution, sell the distributed property or securities (by public or private sale) in such amounts

and in such manner as the depositary deems necessary and practicable to pay such taxes and distribute any remaining net proceeds or the balance of any such property after deduction of such taxes to the ADR holders entitled thereto.

As an ADR holder or beneficial owner, you will be agreeing to indemnify us, the depositary, its custodian and any of our or their respective officers, directors, employees, agents and affiliates against, and hold each of them harmless from, any claims by any governmental authority with respect to taxes, additions to tax, penalties or interest arising out of any refund of taxes, reduced rate of withholding at source or other tax benefit obtained.

Reclassifications, Recapitalizations and Mergers

If we take certain actions that affect the deposited securities, including (i) any change in par value, split-up, consolidation, cancellation or other reclassification of deposited securities or (ii) any distributions of shares or other property not made to holders of ADRs or (iii) any recapitalization, reorganization, merger, consolidation, liquidation, receivership, bankruptcy or sale of all or substantially all of our assets, then the depositary may choose to, and shall if reasonably requested by us:

- amend the form of ADR;
- distribute additional or amended ADRs;
- distribute cash, securities or other property it has received in connection with such actions;
- sell any securities or property received and distribute the proceeds as cash; or
- none of the above.

If the depositary does not choose any of the above options, any of the cash, securities or other property it receives will constitute part of the deposited securities and each ADS will then represent a proportionate interest in such property.

Amendment and Termination

How may the deposit agreement be amended?

We may agree with the depositary to amend the deposit agreement and the ADSs without your consent for any reason. ADR holders must be given at least 30 days' notice of any amendment that imposes or increases any fees or charges (other than stock transfer or other taxes and other governmental charges, transfer or registration fees, SWIFT, cable, telex or facsimile transmission costs, delivery costs or other such expenses), or otherwise prejudices any substantial existing right of ADR holders or beneficial owners. Such notice need not describe in detail the specific amendments effectuated thereby, but must identify to ADR holders and beneficial owners a means to access the text of such amendment. If an ADR holder continues to hold an ADR or ADRs after being so notified, such ADR holder and any beneficial owner are deemed to agree to such amendment and to be bound by the deposit agreement as so amended. No amendment, however, will impair your right to surrender your ADSs and receive the underlying securities, except in order to comply with mandatory provisions of applicable law.

Any amendments or supplements which (i) are reasonably necessary (as agreed by us and the depositary) in order for (a) the ADSs to be registered on Form F-6 under the Securities Act of 1933 or (b) the ADSs or shares to be traded solely in electronic book-entry form and (ii) do not in either such case impose or increase any fees or charges to be borne by ADR holders, shall be deemed not to prejudice any substantial rights of ADR holders or beneficial owners. Notwithstanding the foregoing, if any governmental body or regulatory body should adopt new laws, rules or regulations which would require amendment or supplement of the deposit agreement or the form of ADR to ensure compliance therewith, we and the depositary may amend or supplement the deposit agreement and the ADR at any time in accordance with such changed laws, rules or regulations. Such amendment or supplement to the deposit agreement in such circumstances may become effective before a notice of such amendment or supplement is given to ADR holders or within any other period of time as required for compliance.

Notice of any amendment to the deposit agreement or form of ADRs shall not need to describe in detail the specific amendments effectuated thereby, and failure to describe the specific amendments in any such notice shall not render such notice invalid, provided, however, that, in each such case, the notice given to the ADR holders identifies a means for ADR holders and beneficial owners to retrieve or receive the text of such amendment (i.e., upon retrieval from the SEC's, the depositary's or our website or upon request from the depositary).

How may the deposit agreement be terminated?

The depositary may, and shall at our written direction, terminate the deposit agreement and the ADRs by mailing notice of such termination to the registered holders of ADRs at least 30 days prior to the date fixed in such notice for such termination; provided, however, if the depositary shall have (i) resigned as depositary under the deposit agreement, notice of such termination by the depositary shall not be provided to registered ADR holders unless a successor depositary shall not be operating under the deposit agreement within 60 days of the date of such resignation, and (ii) been removed as depositary under the deposit agreement, notice of such termination by the depositary shall not be provided to registered holders of ADRs unless a successor depositary shall not be operating under the deposit agreement on the 60th day after our notice of removal was first provided to the depositary.

After the date so fixed for termination, (a) all direct registration ADRs shall cease to be eligible for the direct registration system and shall be considered ADRs issued on the ADR register maintained by the depositary and (b) the depositary shall use its reasonable efforts to ensure that the ADSs cease to be DTC eligible so that neither DTC nor any of its nominees shall thereafter be a registered holder of ADRs. At such time as the ADSs cease to be DTC eligible and/or neither DTC nor any of its nominees is a registered holder of ADRs, the depositary shall (a) instruct its custodian to deliver all shares to us along with a general stock power that refers to the names set forth on the ADR register maintained by the depositary and (b) provide us with a copy of the ADR register maintained by the depositary. Upon receipt of such shares and the ADR register maintained by the depositary, we have agreed to use our best efforts to issue to each registered ADR holder a Share certificate representing the shares represented by the ADSs reflected on the ADR register maintained by the depositary in such registered ADR holder's name and to deliver such Share certificate to the registered ADR holder at the address set forth on the ADR register maintained by the depositary. After providing such instruction to the custodian and delivering a copy of the ADR register to us, the depositary and its agents will perform no further acts under the deposit agreement or the ADRs and shall cease to have any obligations under the deposit agreement and/or the ADRs.

Notwithstanding anything to the contrary, in connection with any such termination, the depositary may, in its sole discretion and without notice to us, establish an unsponsored American depositary share program (on such terms as the depositary may determine) for our shares and make available to ADR holders a means to withdraw the shares represented by the ADSs issued under the deposit agreement and to direct the deposit of such shares into such unsponsored American depositary share program, subject, in each case, to receipt by the depositary, at its discretion, of the fees, charges and expenses provided for under the deposit agreement and the fees, charges and expenses applicable to the unsponsored American depositary share program.

Limitations on Obligations and Liability to ADR holders

Limits on our obligations and the obligations of the depositary; limits on liability to ADR holders and holders of ADSs

Prior to the issue, registration, registration of transfer, split-up, combination, or cancellation of any ADRs, or the delivery of any distribution in respect thereof, and from time to time in the case of the production of proofs as described below, we or the depositary or its custodian may require:

- payment with respect thereto of (i) any stock transfer or other tax or other governmental charge, (ii) any stock transfer or registration fees in effect for the registration of transfers of shares or other deposited securities upon any applicable register and (iii) any applicable fees and expenses described in the deposit agreement;

- the production of proof satisfactory to it of (i) the identity of any signatory and genuineness of any signature and (ii) such other information, including without limitation, information as to citizenship, residence, exchange control approval, beneficial or other ownership of, or interest in, any securities,
- compliance with applicable law, regulations, provisions of or governing deposited securities and terms of the deposit agreement and the ADRs, as it may deem necessary or proper; and
- compliance with such regulations as the depositary may establish consistent with the deposit agreement.

The issuance of ADRs, the acceptance of deposits of shares, the registration, registration of transfer, split-up or combination of ADRs or the withdrawal of shares, may be suspended, generally or in particular instances, when the ADR register or any register for deposited securities is closed or when any such action is deemed advisable by the depositary; provided that the ability to withdraw shares may only be limited under the following circumstances: (i) temporary delays caused by closing transfer books of the depositary or our transfer books or the deposit of shares in connection with voting at a shareholders' meeting, or the payment of dividends, (ii) the payment of fees, taxes, and similar charges, and (iii) compliance with any laws or governmental regulations relating to ADRs or to the withdrawal of deposited securities.

The deposit agreement expressly limits the obligations and liability of the depositary, ourselves and our respective agents, provided, however, that no disclaimer of liability under the Securities Act of 1933 is intended by any of the limitations of liabilities provisions of the deposit agreement. The deposit agreement provides that each of us, the depositary and our respective agents will:

- incur or assume no liability (including, without limitation, to holders or beneficial owners) if any present or future law, rule, regulation, fiat, order or decree of the Cayman Islands, Hong Kong, the People's Republic of China, the United States or any other country or jurisdiction, or of any governmental or regulatory authority or securities exchange or market or automated quotation system, the provisions of or governing any deposited securities, any present or future provision of our charter, any act of God, war, terrorism, nationalization, expropriation, currency restrictions, work stoppage, strike, civil unrest, revolutions, rebellions, explosions, computer failure or circumstance beyond our, the depositary's or our respective agents' direct and immediate control shall prevent or delay, or shall cause any of them to be subject to any civil or criminal penalty in connection with, any act which the deposit agreement or the ADRs provide shall be done or performed by us, the depositary or our respective agents (including, without limitation, voting);
- incur or assume no liability (including, without limitation, to holders or beneficial owners) by reason of any non-performance or delay, caused as aforesaid, in the performance of any act or things which by the terms of the deposit agreement it is provided shall or may be done or performed or any exercise or failure to exercise discretion under the deposit agreement or the ADRs including, without limitation, any failure to determine that any distribution or action may be lawful or reasonably practicable;
- incur or assume no liability (including, without limitation, to holders or beneficial owners) if it performs its obligations under the deposit agreement and ADRs without gross negligence or willful misconduct;
- in the case of the Depositary and its agents, be under no obligation to appear in, prosecute or defend any action, suit or other proceeding in respect of any deposited securities the ADSs or the ADRs;
- in the case of us and our agents, be under no obligation to appear in, prosecute or defend any action, suit or other proceeding in respect of any deposited securities the ADSs or the ADRs, which in our or our agents' opinion, as the case may be, may involve it in expense or liability, unless indemnity satisfactory to us or our agent, as the case may be against all expense (including fees and disbursements of counsel) and liability be furnished as often as may be requested;
- not be liable (including, without limitation, to holders or beneficial owners) for any action or inaction by it in reliance upon the advice of or information from any legal counsel, any accountant, any person presenting shares for deposit, any registered holder of ADRs, or any other person believed by it to be competent to give such advice or information and/or, in the case of the depositary, us; or

- may rely and shall be protected in acting upon any written notice, request, direction, instruction or document believed by it to be genuine and to have been signed, presented or given by the proper party or parties.

Neither the depositary nor its agents have any obligation to appear in, prosecute or defend any action, suit or other proceeding in respect of any deposited securities, the ADSs or the ADRs. We and our agents shall only be obligated to appear in, prosecute or defend any action, suit or other proceeding in respect of any deposited securities, the ADSs or the ADRs, which in our opinion may involve us in expense or liability, if indemnity satisfactory to us against all expense (including fees and disbursements of counsel) and liability is furnished as often as may be required. The depositary and its agents may fully respond to any and all demands or requests for information maintained by or on its behalf in connection with the deposit agreement, any registered holder or holders of ADRs, any ADRs or otherwise related to the deposit agreement or ADRs to the extent such information is requested or required by or pursuant to any lawful authority, including without limitation laws, rules, regulations, administrative or judicial process, banking, securities or other regulators. The depositary shall not be liable for the acts or omissions made by, or the insolvency of, any securities depository, clearing agency or settlement system. Furthermore, the depositary shall not be responsible for, and shall incur no liability in connection with or arising from, the insolvency of any custodian that is not a branch or affiliate of JPMorgan. Notwithstanding anything to the contrary contained in the deposit agreement or any ADRs, the depositary shall not be responsible for, and shall incur no liability in connection with or arising from, any act or omission to act on the part of the custodian except to the extent that any registered ADR holder has incurred liability directly as a result of the custodian having (i) committed fraud or willful misconduct in the provision of custodial services to the depositary or (ii) failed to use reasonable care in the provision of custodial services to the depositary as determined in accordance with the standards prevailing in the jurisdiction in which the custodian is located. The depositary and the custodian(s) may use third party delivery services and providers of information regarding matters such as, but not limited to, pricing, proxy voting, corporate actions, class action litigation and other services in connection with the ADRs and the deposit agreement, and use local agents to provide services such as, but not limited to, attendance at any meetings of security holders of issuers. Although the depositary and the custodian will use reasonable care (and cause their agents to use reasonable care) in the selection and retention of such third party providers and local agents, they will not be responsible for any errors or omissions made by them in providing the relevant information or services. The depositary shall not have any liability for the price received in connection with any sale of securities, the timing thereof or any delay in action or omission to act nor shall it be responsible for any error or delay in action, omission to act, default or negligence on the part of the party so retained in connection with any such sale or proposed sale.

The depositary has no obligation to inform ADR holders or beneficial owners about the requirements of the laws, rules or regulations or any changes therein or thereto of the Cayman Islands, Hong Kong, the People's Republic of China, the United States or any other country or jurisdiction or of any governmental or regulatory authority or any securities exchange or market or automated quotation system.

Additionally, none of us, the depositary or the custodian shall be liable for the failure by any registered holder of ADRs or beneficial owner therein to obtain the benefits of credits or refunds of non-U.S. tax paid against such ADR holder's or beneficial owner's income tax liability. The depositary is under no obligation to provide the ADR holders and beneficial owners, or any of them, with any information about our tax status. Neither we nor the depositary shall incur any liability for any tax or tax consequences that may be incurred by registered ADR holders or beneficial owners on account of their ownership or disposition of ADRs or ADSs.

Neither the depositary nor its agents will be responsible for any failure to carry out any instructions to vote any of the deposited securities, for the manner in which any voting instructions are given or deemed to be given pursuant to the terms of the deposit agreement, including instructions to give a discretionary proxy to a person designated by us, for the manner in which any vote is cast, including, without limitation, any vote cast by a person to whom the depositary is instructed to grant a discretionary proxy (or deemed to have been instructed pursuant to the terms of the deposit agreement), or for the effect of any such vote. The depositary may rely upon instructions from us or our counsel in respect of any approval or license required for any currency conversion, transfer or distribution. The depositary shall not incur any liability for the content of any information submitted to it by us or on our behalf for distribution to ADR holders or

for any inaccuracy of any translation thereof, for any investment risk associated with acquiring an interest in the deposited securities, for the validity or worth of the deposited securities, for the credit-worthiness of any third party, for allowing any rights to lapse upon the terms of the deposit agreement or for the failure or timeliness of any notice from us. The depositary shall not be liable for any acts or omissions made by a successor depositary whether in connection with a previous act or omission of the depositary or in connection with any matter arising wholly after the removal or resignation of the depositary. Neither the depositary nor any of its agents shall be liable for any indirect, special, punitive or consequential damages (including, without limitation, legal fees and expenses) or lost profits, in each case of any form incurred by any person or entity (including, without limitation holders or beneficial owners of ADRs and ADSs), whether or not foreseeable and regardless of the type of action in which such a claim may be brought.

In the deposit agreement each party thereto (including, for avoidance of doubt, each ADR holder and beneficial owner) irrevocably waives, to the fullest extent permitted by applicable law, any right it may have to a trial by jury in any suit, action or proceeding against the depositary and/or us directly or indirectly arising out of or relating to the shares or other deposited securities, the ADSs or the ADRs, the deposit agreement or any transaction contemplated therein, or the breach thereof (whether based on contract, tort, common law or any other theory). No provision of the deposit agreement or the ADRs is intended to constitute a waiver or limitation of any rights which an ADR holder or any beneficial owner may have under the Securities Act of 1933 or the Securities Exchange Act of 1934, to the extent applicable.

The depositary and its agents may own and deal in any class of securities of our company and our affiliates and in ADRs.

Disclosure of Interest in ADSs

To the extent that the provisions of or governing any deposited securities may require disclosure of or impose limits on beneficial or other ownership of, or interest in, deposited securities, other shares and other securities and may provide for blocking transfer, voting or other rights to enforce such disclosure or limits, you as ADR holders or beneficial owners agree to comply with all such disclosure requirements and ownership limitations and to comply with any reasonable instructions we may provide in respect thereof. We reserve the right to instruct you to deliver your ADSs for cancellation and withdrawal of the deposited securities so as to permit us to deal with you directly as a holder of shares and, by holding an ADS or an interest therein, you will be agreeing to comply with such instructions.

Books of Depositary

The depositary or its agent will maintain a register for the registration, registration of transfer, combination and split-up of ADRs, which register shall include the depositary's direct registration system. Registered holders of ADRs may inspect such records at the depositary's office at all reasonable times, but solely for the purpose of communicating with other ADR holders in the interest of the business of our company or a matter relating to the deposit agreement. Such register may be closed at any time or from time to time, when deemed expedient by the depositary or, in the case of the issuance book portion of the ADR Register, when reasonably requested by the Company solely in order to enable the Company to comply with applicable law.

The depositary will maintain facilities for the delivery and receipt of ADRs.

DESCRIPTION OF DEBT SECURITIES

We may issue series of debt securities, which may include debt securities exchangeable for or convertible into ordinary shares or preferred shares. When we offer to sell a particular series of debt securities, we will describe the specific terms of that series in a supplement to this prospectus. The following description of debt securities will apply to the debt securities offered by this prospectus unless we provide otherwise in the applicable prospectus supplement. The applicable prospectus supplement for a particular series of debt securities may specify different or additional terms.

The debt securities offered by this prospectus may be secured or unsecured, and may be senior debt securities, senior subordinated debt securities or subordinated debt securities. The debt securities offered by this prospectus may be issued under an indenture between us and the trustee under the indenture. The indenture may be qualified under, subject to, and governed by, the Trust Indenture Act of 1939, as amended. We have summarized selected portions of the indenture below. The summary is not complete. The form of the indenture has been filed as an exhibit to the registration statement on Form F-3, of which this prospectus is a part, and you should read the indenture for provisions that may be important to you.

The terms of each series of debt securities will be established by or pursuant to a resolution of our board of directors and detailed or determined in the manner provided in a board of directors' resolution, an officers' certificate and by a supplemental indenture. The particular terms of each series of debt securities will be described in a prospectus supplement relating to the series, including any pricing supplement.

We may issue any amount of debt securities under the indenture, which may be in one or more series with the same or different maturities, at par, at a premium or at a discount. We will set forth in a prospectus supplement, including any related pricing supplement, relating to any series of debt securities being offered, the initial offering price, the aggregate principal amount offered and the terms of the debt securities, including, among other things, the following:

- the title of the debt securities;
- the price or prices (expressed as a percentage of the aggregate principal amount) at which we will sell the debt securities;
- any limit on the aggregate principal amount of the debt securities;
- the date or dates on which we will repay the principal on the debt securities and the right, if any, to extend the maturity of the debt securities;
- the rate or rates (which may be fixed or variable) per annum or the method used to determine the rate or rates (including any commodity, commodity index, stock exchange index or financial index) at which the debt securities will bear interest, the date or dates from which interest will accrue, the date or dates on which interest will be payable and any regular record date for any interest payment date;
- the place or places where the principal of, premium, and interest on the debt securities will be payable, and where the debt securities of the series that are convertible or exchangeable may be surrendered for conversion or exchange;
- any obligation or right we have to redeem the debt securities pursuant to any sinking fund or analogous provisions or at the option of holders of the debt securities or at our option, and the terms and conditions upon which we are obligated to or may redeem the debt securities;
- any obligation we have to repurchase the debt securities at the option of the holders of debt securities, the dates on which and the price or prices at which we will repurchase the debt securities and other detailed terms and provisions of these repurchase obligations;
- the denominations in which the debt securities will be issued;
- whether the debt securities will be issued in the form of certificated debt securities or global debt securities;
- the portion of principal amount of the debt securities payable upon declaration of acceleration of the maturity date, if other than the principal amount;
- the currency of denomination of the debt securities;

- the designation of the currency, currencies or currency units in which payment of principal of, premium and interest on the debt securities will be made;
- if payments of principal of, premium or interest on, the debt securities will be made in one or more currencies or currency units other than that or those in which the debt securities are denominated, the manner in which the exchange rate with respect to these payments will be determined;
- the manner in which the amounts of payment of principal of, premium or interest on, the debt securities will be determined, if these amounts may be determined by reference to an index based on a currency or currencies other than that in which the debt securities are denominated or designated to be payable or by reference to a commodity, commodity index, stock exchange index or financial index;
- any provisions relating to any security provided for the debt securities;
- any addition to or change in the events of default described in the indenture with respect to the debt securities and any change in the acceleration provisions described in the indenture with respect to the debt securities;
- any addition to or change in the covenants described in the indenture with respect to the debt securities;
- whether the debt securities will be senior or subordinated and any applicable subordination provisions;
- a discussion of material income tax considerations applicable to the debt securities;
- any other terms of the debt securities, which may modify any provisions of the indenture as it applies to that series; and
- any depositaries, interest rate calculation agents, exchange rate calculation agents or other agents with respect to the debt securities.

We may issue debt securities that are exchangeable for and/or convertible into ordinary shares or preferred shares. The terms, if any, on which the debt securities may be exchanged and/or converted will be set forth in the applicable prospectus supplement. Such terms may include provisions for exchange or conversion, which can be mandatory, at the option of the holder or at our option, and the manner in which the number of ordinary shares, preferred shares or other securities to be received by the holders of debt securities would be calculated.

We may issue debt securities that provide for an amount less than their stated principal amount to be due and payable upon declaration of acceleration of their maturity pursuant to the terms of the indenture. We will provide you with information on the U.S. federal income tax considerations, and other special considerations applicable to any of these debt securities in the applicable prospectus supplement. If we denominate the purchase price of any of the debt securities in a foreign currency or currencies or a foreign currency unit or units, or if the principal of and any premium and interest on any series of debt securities is payable in a foreign currency or currencies or a foreign currency unit or units, we will provide you with information on the restrictions, elections, specific terms and other information with respect to that issue of debt securities and such foreign currency or currencies or foreign currency unit or units in the applicable prospectus supplement.

We may issue debt securities of a series in whole or in part in the form of one or more global securities that will be deposited with, or on behalf of, a depositary identified in the prospectus supplement. Global securities will be issued in registered form and in either temporary or definitive form. Unless and until it is exchanged in whole or in part for the individual debt securities, a global security may not be transferred except as a whole by the depositary for such global security to a nominee of such depositary or by a nominee of such depositary to such depositary or another nominee of such depositary or by such depositary or any such nominee to a successor of such depositary or a nominee of such successor. The specific terms of the depositary arrangement with respect to any debt securities of a series and the rights of and limitations upon owners of beneficial interests in a global security will be described in the applicable prospectus supplement.

The indenture and the debt securities will be governed by, and construed in accordance with, the internal laws of the State of New York, unless we otherwise specify in the applicable prospectus supplement.

ENFORCEABILITY OF CIVIL LIABILITIES

We are incorporated under the laws of the Cayman Islands as an exempted company with limited liability. We are incorporated in the Cayman Islands to take advantage of certain benefits associated with being a Cayman Islands exempted company, such as:

- political and economic stability;
- an effective judicial system;
- a favorable tax system;
- the absence of foreign exchange control or currency restrictions; and
- the availability of professional and support services.

However, certain disadvantages accompany incorporation in the Cayman Islands. These disadvantages include but are not limited to:

- the Cayman Islands has a less developed body of securities laws as compared to the United States and these securities laws provide significantly less protection to investors as compared to the United States; and
- Cayman Islands companies may not have standing to sue before the federal courts of the United States.

Our memorandum and articles of association do not contain provisions requiring that disputes, including those arising under the securities laws of the United States, between us, our officers, directors and shareholders, be arbitrated.

Substantially all of our operations are conducted in China, and substantially all of our assets are located in China. A majority of our directors and executive officers are nationals or residents of jurisdictions other than the United States and most of their assets are located outside the United States. As a result, it may be difficult for a shareholder to effect service of process within the United States upon these individuals, or to bring an action against us or these individuals in the United States, or to enforce against us or them judgments obtained in United States courts, including judgments predicated upon the civil liability provisions of the securities laws of the United States or any state in the United States.

We have appointed Puglisi & Associates, located at 850 Library Avenue, Suite 204 Newark, Delaware 19711, as our agent upon whom process may be served in any action brought against us under the securities laws of the United States.

We have been informed by Maples and Calder (Hong Kong) LLP that the United States and the Cayman Islands do not have a treaty providing for reciprocal recognition and enforcement of judgments of U.S. courts in civil and commercial matters and that a final judgment for the payment of money rendered by any federal or state court in the United States based on civil liability, whether or not predicated solely upon the U.S. federal securities laws, would not be automatically enforceable in the Cayman Islands. We have also been advised by Maples and Calder (Hong Kong) LLP that a judgment obtained in any federal or state court in the United States will be recognized and enforced in the courts of the Cayman Islands at common law, without any re-examination of the merits of the underlying dispute, by an action commenced on the foreign judgment debt in the Grand Court of the Cayman Islands provided that such judgment (i) is given by a foreign court of competent jurisdiction, (ii) imposes on the judgment debtor a liability to pay a liquidated sum for which the judgment has been given, (iii) is final, (iv) is not in respect of taxes, a fine or a penalty, and (v) was not obtained in a manner and is not of a kind the enforcement of which is contrary to natural justice or the public policy of the Cayman Islands.

There is uncertainty as to whether the courts of the Cayman Islands would recognize or enforce judgments of United States courts obtained against us or our directors or officers predicated upon the civil liability provisions of the securities laws of the United States or any state in the United States. Such uncertainty relates to whether a judgment obtained from the United States courts under the civil liability provisions of the securities laws will be determined by the courts of the Cayman Islands as penal or punitive in nature. If such a determination is made, the courts of the Cayman Islands will not recognize or enforce

the judgment against a Cayman Islands company or its directors and officers. Because the courts of the Cayman Islands have yet to rule on whether such judgments are penal or punitive in nature, it is uncertain whether they would be enforceable in the Cayman Islands.

Global Law Office, our counsel as to PRC law, has advised us that there is uncertainty as to whether the courts of China would:

- recognize or enforce judgments of United States courts obtained against us or our directors or officers predicated upon the civil liability provisions of the securities laws of the United States or any state in the United States; or
- entertain original actions brought in each respective jurisdiction against us or our directors or officers predicated upon the securities laws of the United States or any state in the United States.

Global Law Office has further advised us that the recognition and enforcement of foreign judgments are provided for under the PRC Civil Procedures Law. PRC courts may recognize and enforce foreign judgments in accordance with the requirements of the PRC Civil Procedures Law and other applicable laws and regulations based either on treaties between China and the country where the judgment is made or on principles of reciprocity between jurisdictions. China does not have any treaties or other form of reciprocity with the United States or the Cayman Islands that provide for the reciprocal recognition and enforcement of foreign judgments. In addition, according to the PRC Civil Procedures Law, courts in the PRC will not enforce a foreign judgment against us or our directors and officers if they decide that the judgment violates the basic principles of PRC law or national sovereignty, security, or public interest. As a result, it is uncertain whether and on what basis a PRC court would enforce a judgment rendered by a court in the United States or in the Cayman Islands. Under the PRC Civil Procedures Law, foreign shareholders may originate actions based on PRC law against a company in China for disputes if they can establish sufficient nexus to the PRC for a PRC court to have jurisdiction, and meet other procedural requirements, including, among others, the plaintiff must have a direct interest in the case, and there must be a concrete claim, a factual basis and a cause for the suit.

It will be, however, difficult for U.S. shareholders to originate actions against us in the PRC in accordance with PRC laws because we are incorporated under the laws of the Cayman Islands and it will be difficult for U.S. shareholders, by virtue only of holding the ADSs or ordinary shares, to establish a connection to the PRC for a PRC court to have jurisdiction as required under the PRC Civil Procedures Law.

TAXATION

Material income tax consequences relating to the purchase, ownership and disposition of the securities offered by this prospectus are set forth in “Item 10. Additional Information — E. Taxation” in our 2020 Annual Report, which is incorporated herein by reference, as updated by our subsequent filings under the Exchange Act.

SELLING SHAREHOLDERS

Selling shareholders to be named in a prospectus supplement may, from time to time, offer and sell Class A ordinary shares of our company held by them pursuant to this prospectus and the applicable prospectus supplement. Such selling shareholders may sell Class A ordinary shares to or through underwriters, dealers or agents or directly to purchasers or as otherwise set forth in the applicable prospectus supplement. See “Plan of Distribution.” Such selling shareholders may also sell, transfer or otherwise dispose of Class A ordinary shares in transactions exempt from the registration requirements of the Securities Act.

If any selling shareholder is to offer and sell Class A ordinary shares pursuant to this prospectus, we will provide you with a prospectus supplement that sets forth the name of each such selling shareholder and the number of Class A ordinary shares beneficially owned by each such selling shareholder. The prospectus supplement also will disclose whether any of the selling shareholders have held any position or office with, have been employed by, or otherwise have had a material relationship with us during the three years prior to the date of the prospectus supplement.

PLAN OF DISTRIBUTION

We and the selling shareholders identified in a prospectus supplement may sell Class A ordinary shares, including those represented by ADSs, offered by this prospectus, from time to time, in one or more offerings, as follows:

- through agents;
- to dealers or underwriters for resale;
- directly to purchasers;
- in “at-the-market offerings,” within the meaning of Rule 415(a)(4) of the Securities Act, to or through a market maker or into an existing trading market, on an exchange or otherwise; or
- through a combination of any of these methods of sale.

The prospectus supplement with respect to the securities may state or supplement the terms of the offering of the securities.

In addition, we may issue the securities as a dividend or distribution or in a subscription rights offering to our existing security holders. In some cases, we or dealers acting for us or on our behalf may also repurchase securities and reoffer them to the public by one or more of the methods described above. This prospectus may be used in connection with any offering of our securities through any of these methods or other methods described in the applicable prospectus supplement.

Our securities distributed by any of these methods may be sold to the public, in one or more transactions, either:

- at a fixed price or prices, which may be changed;
- at market prices prevailing at the time of sale;
- at prices related to prevailing market prices; or
- at negotiated prices.

The prospectus supplement relating to any offering will identify or describe:

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

If we or the selling shareholders use underwriters for a sale of securities, the underwriters will acquire the securities for their own account. The underwriters may resell the securities in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase the securities will be subject to the conditions set forth in the applicable underwriting agreement. The underwriters will be obligated to purchase all the securities of the series offered if they purchase any of the securities of that series. We or the selling shareholders may change from time to time any public offering price and any discounts or concessions the underwriters

allow or reallocate or pay to dealers. We or the selling shareholders may use underwriters with whom we have a material relationship. The prospectus supplement will include the names of the principal underwriters the respective amount of securities underwritten, the nature of the obligation of the underwriters to take the securities and the nature of any material relationship between an underwriter and us or the selling shareholders.

If dealers are used in the sale of securities offered through this prospectus, we or the selling shareholders 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.

We or the selling shareholders may designate agents who agree to use their reasonable efforts to solicit purchases for the period of their appointment or to sell securities on a continuing basis.

We or the selling shareholders may also sell securities directly to one or more purchasers without using underwriters or agents. 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 by us and the selling shareholders. 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 and the selling shareholders 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.

Underwriters, dealers and agents that participate in the distribution of the securities may be underwriters as defined in the Securities Act, and any discounts or commissions they receive from us or the selling shareholders and any profit on their resale of the securities may be treated as underwriting discounts and commissions under the Securities Act. We will identify in the applicable prospectus supplement any underwriters, dealers or agents and will describe their compensation. We or the selling shareholders may have agreements with the underwriters, dealers and agents to indemnify them against specified civil liabilities, including liabilities under the Securities Act. Underwriters, dealers and agents may engage in transactions with or perform services for us or the selling shareholders in the ordinary course of their businesses.

If the prospectus supplement indicates, we or the selling shareholders 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.

Unless otherwise specified in the applicable prospectus supplement or any free writing prospectus, each class or series of securities offered will be a new issue with no established trading market, other than our Class A ordinary shares represented by ADSs, which are listed on the Nasdaq Stock Market. We may elect to list any other class or series of securities on any exchange, but we are not obligated to do so. It is possible that one or more underwriters may make a market in a class or series of securities, but the underwriters will not be obligated to do so and may discontinue any market making at any time without notice. We cannot give any assurance as to the liquidity of the trading market for any of the securities.

In connection with an offering, an underwriter may purchase and sell securities in the open market. These transactions may include short sales, stabilizing transactions and purchases to cover positions created by short sales. Short sales involve the sale by the underwriters of a greater number of securities than they are required to purchase in the offering. "Covered" short sales are sales made in an amount not greater than the underwriters' option to purchase additional securities, if any, from us or the selling shareholders in the offering. If the underwriters have an over-allotment option to purchase additional securities from us or the selling shareholders, the underwriters may close out any covered short position by either exercising their over-allotment option or purchasing securities in the open market. In determining the source of securities to close out the covered short position, the underwriters may consider, among other things, the price of securities available for purchase in the open market as compared to the price at which they may purchase securities through the over-allotment option. "Naked" short sales are any sales in excess of such option or

where the underwriters do not have an over-allotment option. The underwriters must close out any naked short position by purchasing securities in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of the securities in the open market after pricing that could adversely affect investors who purchase in the offering.

Accordingly, to cover these short sales positions or to otherwise stabilize or maintain the price of the securities, the underwriters may bid for or purchase securities in the open market and may impose penalty bids. If penalty bids are imposed, selling concessions allowed to syndicate members or other broker-dealers participating in the offering are reclaimed if securities previously distributed in the offering are repurchased, whether in connection with stabilization transactions or otherwise. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. The impositions of a penalty bid may also affect the price of the securities to the extent that it discourages resale of the securities. The magnitude or effect of any stabilization or other transactions is uncertain. These transactions may be effected on the Nasdaq Stock Market or otherwise and, if commenced, may be discontinued at any time.

We or the selling shareholders may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by or borrowed from us or the selling shareholders or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us or the selling shareholders in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be identified in the applicable prospectus supplement or a post-effective amendment.

We or the selling shareholders may loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus. Such financial institution or third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities offered by this prospectus or otherwise.

LEGAL MATTERS

We are being represented by Kaufman & Canoles, P.C. with respect to certain legal matters as to United States federal securities and New York State law. Certain legal matters in connection with any offering made pursuant to this prospectus will be passed upon for the underwriters by a law firm named in the applicable prospectus supplement. The validity of the Class A ordinary shares represented by the ADSs will be passed upon for us by Maples and Calder (Hong Kong) LLP. Certain legal matters as to PRC law will be passed upon for us by Global Law Office and for the underwriters by a law firm named in the applicable prospectus supplement. Kaufman & Canoles, P.C. may rely upon Maples and Calder (Hong Kong) LLP with respect to matters governed by Cayman Islands law and Global Law Office with respect to matters governed by PRC law.

EXPERTS

The consolidated financial statements of Molecular Data Inc. incorporated by reference in [Molecular Data Inc.'s Annual Report \(Form 20-F\) at December 31, 2020, and for the year then ended](#) have been audited by Shandong Haoxin Certified Public Accountants Co., Ltd., independent registered public accounting firm, as set forth in their report thereon included therein, and incorporated herein by reference. Such financial statements have been incorporated herein by reference, in reliance upon such report given on the authority of such firm as experts in accounting and auditing.

The offices of Shandong Haoxin Certified Public Accountants Co., Ltd. are located at 7th Floor, No. 10 Plaza, Finance Square, No. 4899 Dong Feng Dong Str., High-tech Development Zone, Weifang, Shandong, the People's Republic of China.

The consolidated financial statements of Molecular Data Inc. incorporated by reference in Molecular Data Inc.'s Annual Report (Form 20-F) at December 31, 2019, and for each of the two years in the period ended December 31, 2019 have been audited by Ernst & Young Hua Ming LLP, independent registered public accounting firm, as set forth in their report thereon included therein, and incorporated herein by reference. Such financial statements have been incorporated herein by reference, in reliance upon such report given on the authority of such firm as experts in accounting and auditing. The offices of Ernst & Young Hua Ming LLP are located at 50/F, Shanghai World Financial Center, 100 Century Avenue, Shanghai 200120, the People's Republic of China.

WHERE YOU CAN FIND MORE INFORMATION ABOUT US

We are subject to the reporting requirements of the Exchange Act, and in accordance with the Exchange Act, we file annual reports and other information with the SEC. Information we file with the SEC can be obtained over the internet on the SEC's website at www.sec.gov. You can also find information on our website <https://investor.molbase.com/>. The information contained on our website is not a part of this prospectus.

This prospectus is part of a registration statement we have filed with the SEC. This prospectus omits some information contained in the registration statement in accordance with SEC rules and regulations. You should review the information and exhibits in the registration statement for further information on us and the securities being offered. Statements in this prospectus concerning any document that we filed as an exhibit to the registration statement or that we otherwise filed with the SEC are not intended to be comprehensive and are qualified by reference to these filings. You should review the complete document to evaluate these statements.

PART II**INFORMATION NOT REQUIRED IN PROSPECTUS****Item 8. Indemnification of Directors and Officers**

Cayman Islands law 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 civil fraud or the consequences of committing a crime. Under our currently effective memorandum and articles of association, our company shall indemnify every director and officer of our company against all actions, proceedings, costs, charges, expenses, losses, damages or liabilities incurred or sustained by such director or officer, other than by reason of such director's or such officer's own 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 or her duties, powers, authorities or discretions, including without prejudice to the generality of the foregoing, any costs, expenses, losses or liabilities incurred by him or her in defending (whether successfully or otherwise) any civil proceedings concerning our company or our affairs in any court whether in the Cayman Islands or elsewhere.

Furthermore, we have entered into indemnification agreements with our directors and officers, a form of which has been filed as Exhibit 10.3 to our registration statement on Form F-1 originally filed with the SEC on December 6, 2019, as amended (File No. 333-235398), pursuant to which we have agreed to indemnify our directors and officers against certain liabilities and expenses that they incur in connection with claims made by reason of their being a director or officer of our company.

Insofar as indemnification for liabilities arising under the Securities Act of 1933, as amended, may be permitted to directors, officers or persons controlling us pursuant to 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.

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

Item 9. Exhibits

See Exhibit Index beginning on page II-5 of this registration statement.

Item 10. Undertakings

- (a) The undersigned Registrant hereby undertakes:
 - (i) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (1) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
 - (2) 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 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
 - (3) 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;

- (ii) *provided, however*, that paragraphs (i), (ii) and (iii) 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 SEC 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.
- (iii) That, for the purpose of determining any liability under the Securities Act of 1933, 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.
- (iv) 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.
- (v) 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 of 1933 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 (a)(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 of 1933 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 Securities Exchange Act of 1934 that are incorporated by reference in the registration statement.
- (vi) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
 - (1) 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
 - (2) 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 of 1933 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.
- (vii) That, for the purpose of determining liability of the Registrant under the Securities Act of

1933 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:

- (1) Any preliminary prospectus or prospectus of the undersigned Registrant relating to the offering required to be filed pursuant to Rule 424;
 - (2) 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;
 - (3) 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
 - (4) 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 of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities 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.
- (c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 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 SEC such indemnification is against public policy as expressed in the Securities Act of 1933 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 of 1933 and will be governed by the final adjudication of such issue.

EXHIBIT INDEX

Exhibit Number	Description
4.1	Registrant's Specimen American Depositary Receipt (included in Exhibit 4.3) (incorporated herein by reference to Exhibit 4.3 to the Form F-1 filed on December 6, 2019 (File No. 333-235398))
4.2	Registrant's Specimen Certificate for Class A Ordinary Shares (incorporated herein by reference to Exhibit 4.2 to the Form F-1/A filed on December 20, 2019 (File No. 333-235398))
4.3	Form of Deposit Agreement among the Registrant, the depository and holder of the American Depositary Receipts (incorporated herein by reference to Exhibit 4.3 to the Form F-1 filed on December 6, 2019 (File No. 333-235398))
4.4	Securities Purchase Agreement by and between Molecular Data Inc. and YA II PN, LTD., dated October 9, 2020 (incorporated herein by reference to the Form 6-K furnished to the SEC on October 13, 2020)
4.5	Registration Rights Agreement by and between Molecular Data Inc. and YA II PN, LTD., dated October 9, 2020 (incorporated herein by reference to the Form 6-K furnished to the SEC on October 13, 2020)
4.6	Form of Ordinary Share Purchase Agreement between the Registrant and White Lion Capital LLC dated on March 3, 2021 (incorporated herein by reference to the Form 6-K furnished to the SEC on October 13, 2020)
4.7	Securities Purchase Agreement dated April 7, 2021 among the Registrant and certain investors listed on the schedule attached thereto (incorporated herein by reference to the Form 6-K furnished to the SEC on April 13, 2021)
4.8	Registrations Rights Agreement dated April 7, 2021 between the Registrant and Streeterville Capital, LLC (incorporated herein by reference to the Form 6-K furnished to the SEC on April 13, 2021)
4.9*	Form of Equity Purchase Agreement between the Registrant and Oasis Capital, LLC, including a Registration Rights Agreement dated on 14 May, 2021
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 Global Law Office regarding certain PRC law matters
23.1*	Consent of Ernst & Young Hua Ming LLP, Independent Registered Public Accounting Firm
23.2*	Consent of Shandong Haoxin Certified Public Accountants Co., Ltd., Independent Registered Public Accounting Firm
23.3*	Consent of Maples and Calder (Hong Kong) LLP (included in Exhibit 5.1)
23.4*	Consent of Global Law Office
24.1*	Power of attorney (included on signature page hereof)

* Filed with this registration statement on Form F-3.

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 registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Shanghai, People's Republic of China, on May 24, 2021.

MOLECULAR DATA INC.

By: /s/ Dongliang Chang

Name: Dongliang Chang

Title: Chairman of the Board of Directors

POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Mr. Dongliang Chang as his or her true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any or all amendments (including post-effective amendments) to this registration statement and any and all related registration statements pursuant to Rule 462(b) of the Securities Act, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the SEC, hereby ratifying and confirming all that said attorney-in-fact and agent, or its substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this registration statement has been signed by the following persons in the capacities set forth below on May 24, 2021.

<u>Signature</u>	<u>Title</u>
<u>/s/ Dongliang Chang</u> Dongliang Chang	Chairman of the Board of Directors
<u>/s/ Dawei Ma</u> Dawei Ma	Director
<u>/s/ Ning Zhu</u> Ning Zhu	Director

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 Molecular Data Inc. has signed this registration statement or amendment thereto in the City of Newark, Delaware on May 24, 2021.

Authorized U.S. Representative

Puglisi & Associates

By: /s/ Donald J. Puglisi

Name: Donald J. Puglisi

Title: Managing Director

EQUITY PURCHASE AGREEMENT

THIS EQUITY PURCHASE AGREEMENT (this "Agreement") is entered into as of 13 May, 2021 (the "Execution Date"), by and between **Molecular Data Inc.**, a company incorporated under the laws of the Cayman Islands (the "Company"), and **Oasis Capital, LLC**, a Puerto Rico limited liability company (the "Investor").

RECITALS

WHEREAS, the parties desire that, upon the terms and subject to the conditions contained herein, the Company shall issue and sell to the Investor, from time to time as provided herein, and the Investor shall purchase from the Company up to \$50,000,000 of American Depositary Shares of the Company ("ADSs"), each representing three fully paid Class A ordinary shares ("Common Stock"),

NOW, THEREFORE, in consideration of the mutual covenants contained in this Agreement, and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Company and the Investor hereby agree as follows:

ARTICLE I
CERTAIN DEFINITIONS

Section 1.1 RECITALS. The parties acknowledge and agree that the recitals set forth above are true and correct and are hereby incorporated in and made a part of this Agreement.

Section 1.2 DEFINED TERMS. As used in this Agreement, the following terms shall have the following meanings specified or indicated (such meanings to be equally applicable to both the singular and plural forms of the terms defined):

"All Option Puts" means, collectively, Option 1 Put, Option 2 Put and Option 3 Put.

"Agreement" shall have the meaning specified in the preamble hereof.

"Available Amount" means, initially, the Maximum Commitment Amount, which amount shall be reduced by the Investment Amount following each successful Closing, each time the Investor purchases shares of Common Stock pursuant to an Option 1 Put, Option 2 Put or Option 3 Put.

"Average Daily Trading Volume" shall mean the average trading volume of the Company's Common Stock in the 10 Trading Days immediately preceding the respective Put Date.

"Bankruptcy Law" means Title 11, U.S. Code, or any similar federal or state law for the relief of debtors.

"Claim Notice" shall have the meaning specified in Section 9.3(a).

"Clearing Costs" shall mean all of the Investor's broker and Transfer Agent fees.

"Clearing Date" shall be the date on which the Investor receives the Put Shares as DWAC Shares in its brokerage account.

"Closing" shall mean one of the closings of a purchase and sale of shares of Common Stock pursuant to Section 2.3.

"Closing Certificate" shall mean the closing "Officer's Certificate" of the Company in the form of Exhibit B hereto.

"Commitment Period" shall mean the period commencing on the Execution Date, and ending on the earlier of (i) the date on which the Investor shall have purchased Put Shares pursuant to this Agreement equal to the Maximum Commitment Amount, (ii) three years from the Execution Date, or (iii) written notice of termination by the Company to the Investor (which shall not occur at any time that the Investor holds any of the Put Shares).

"Commitment Shares" means 1,041,667 shares of Common Stock issued by the Company to the Investor pursuant to Section 6.5.

"Common Stock" shall mean the Company's Series A ordinary shares \$0.00005 par value, and any shares of any other class of common stock whether now or hereafter authorized, having the right to participate in the distribution of dividends (as and when declared) and assets (upon liquidation of the Company).

"Common Stock Equivalents" means any securities of the Company or the Subsidiaries which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

"Company" shall have the meaning specified in the preamble to this Agreement.

"Confidential Information" means any information disclosed by either party to this Agreement, or their affiliates, agents or representatives, to the other party to this Agreement, either directly or indirectly, in writing, orally or by inspection of tangible objects (including, without limitation, documents, formulae, business information, trade secrets, technology, strategies, prototypes, samples, plant and equipment), which may or may not be designated as "Confidential," "Proprietary" or some similar designation. Information communicated orally shall be considered Confidential Information. Confidential Information may also include information disclosed by third parties. Confidential Information shall not, however, include any information which (i) was publicly known and made generally available in the public domain prior to the time of disclosure by the disclosing party; (ii) becomes publicly known and made generally available after disclosure by the disclosing party to the receiving party through no fault, action or inaction of the receiving party; (iii) is already in the possession of the receiving party at the time of disclosure by the disclosing party as shown by the receiving party's files and records immediately prior to the time of disclosure; (iv) is obtained by the receiving party from a third party without a breach of such third party's obligations of confidentiality; (v) is independently developed by the receiving party without use of or reference to the disclosing party's Confidential Information, as shown by documents and other competent evidence in the receiving party's possession; or (vi) is required by law to be disclosed by the receiving party, provided that the receiving party gives the disclosing party prompt written notice of such requirement prior to such disclosure and assistance in obtaining an order protecting the information from public disclosure.

"Current Report" shall have the meaning set forth in Section 6.4.

"Custodian" means any receiver, trustee, assignee, liquidator or similar official under any Bankruptcy Law.

"Damages" shall mean any loss, claim, damage, liability, cost and expense (including, without limitation, reasonable attorneys' fees and disbursements and costs and expenses of expert witnesses and investigation).

"Dispute Period" shall have the meaning specified in Section 9.3(a).

"Disqualification Event" shall have the meaning specified in Section 4.24.

"DTC" shall mean The Depository Trust Company, or any successor performing substantially the same function for the Company.

"DTC/FAST Program" shall mean the DTC's Fast Automated Securities Transfer Program.

"DWAC" shall mean Deposit Withdrawal at Custodian as defined by the DTC.

"DWAC Eligible" shall mean that (a) the Common Stock is eligible at DTC for full services pursuant to DTC's operational arrangements, including, without limitation, transfer through DTC's DWAC system, (b) the Company has been approved (without revocation) by the DTC's underwriting department, (c) the Transfer Agent is approved as an agent in the DTC/FAST Program, (d) the Commitment Shares or Put Shares, as applicable, are otherwise eligible for delivery via DWAC, and (e) the Transfer Agent does not have a policy prohibiting or limiting delivery of the Put Shares or Commitment Shares, as applicable, via DWAC.

"DWAC Shares" means shares of Common Stock that are (i) issued in electronic form, (ii) freely tradable and transferable and without restriction on resale and (iii) timely credited by the Company to the Investor's or its designee's specified DWAC account with DTC under the DTC/FAST Program, or any similar program hereafter adopted by DTC performing substantially the same function.

"Environmental Laws" shall have the meaning set forth in Section 4.13.

"Exchange Act" shall mean the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

"Execution Date" shall have the meaning set forth in the preamble to this Agreement.

"FINRA" shall mean the Financial Industry Regulatory Authority, Inc.

"Indemnified Party" shall have the meaning specified in Section 9.2.

"Indemnifying Party" shall have the meaning specified in Section 9.2.

"Indemnity Notice" shall have the meaning specified in Section 9.3(b).

"Intellectual Property" shall mean all trademarks, trademark applications, trade names, service marks, service mark registrations, service names, patents, patent applications, patent rights, copyrights, inventions, licenses, approvals, government authorizations, trade secrets or other intellectual property rights.

"Investment Amount" shall mean the dollar value equal to the amount of Put Shares referenced in the Put Notice multiplied by the applicable Put Purchase Price (as applicable) minus the Clearing Costs.

"Investor" shall have the meaning specified in the preamble to this Agreement.

"Issuer Covered Person" shall have the meaning specified in Section 4.24.

"Lien" means a lien, charge, pledge, security interest, encumbrance, right of first refusal, preemptive right or any other restriction.

"Market Price" shall mean the one traded ADS price on the Principal Market for any Trading Day during the Valuation Period, as reported by Bloomberg Finance L.P or other reputable source.

"Material Adverse Effect" shall mean any effect on the business, operations, properties, or financial condition of the Company and/or the Subsidiaries that is material and adverse to the Company and/or the Subsidiaries and/or any condition, circumstance, or situation that would prohibit or otherwise materially interfere with the ability of the Company and/or the Subsidiaries to enter into and/or perform its obligations under any Transaction Document.

"Maximum Commitment Amount" shall mean \$50,000,000.

"Option 1 Maximum Put Amount" shall mean 10% of the average number of shares of ADS traded for the 10 Trading Days prior to the date of the Put Notice.

"Option 1 Purchase Price" shall mean the lesser of (i) the lowest traded price of the Common Stock on the Principal Market on the Clearing Date, or (ii) the average of the three lowest closing sale prices of the Common Stock on the Principal Market during the Option 1 Valuation Period (as reported by Bloomberg Finance L.P., Quotestream, or other reputable source).

"Option 1 Put" shall mean the right of the Company to require the Investor to purchase shares of Common Stock at the Option 1 Purchase Price, subject to the terms and conditions of this Agreement.

"Option 1 Valuation Period" shall mean the period of 12 consecutive Trading Days immediately preceding the Clearing Date associated with the applicable Put Notice during which the Option 1 Purchase Price of the Common Stock is valued.

"Option 2 Maximum Put Amount" shall mean the lesser of (i) such amount that equals 10% of the daily trading volume of the ADS on the Put Date, and (ii) the quotient of \$2,000,000 divided by the closing price on the date prior to the Put Notice.

"Option 2 Purchase Price" shall mean the lesser of (i) 93% of the lowest traded price of the Common Stock on the Principal Market during the Option 2 Valuation Period (as reported by Bloomberg Finance L.P., Quotestream, or other reputable source), or (ii) 93% of the VWAP on the Clearing Date, or (iii) 93% of the closing bid price of the Common Stock on the Principal Market on the Clearing Date.

"Option 2 Put" shall mean the right of the Company to require the Investor to purchase shares of Common Stock at the Option 2 Purchase Price, subject to the terms and conditions of this Agreement.

"Option 2 Valuation Period" shall mean the period of 10 consecutive Trading Days immediately preceding the Put Date associated with the applicable Put Notice during which the Option 2 Purchase Price of the Common Stock is valued.

"Option 3 Maximum Put Amount" shall mean an amount that equals the lesser of (i) 100% of the Average Daily Trading Volume, and (ii) the quotient of \$1,000,000 divided by the closing price on the date prior to the Put Notice.

"Option 3 Purchase Price" shall mean 93% of the Market Price on which the Purchase Price is calculated in accordance with the terms and conditions of this Agreement.

"Option 3 Put" shall mean the right of the Company to require the Investor to purchase shares of Common Stock at the Option 3 Purchase Price, subject to the terms and conditions of this Agreement.

"Option 3 Valuation Period" shall mean the period of five Trading Days immediately following the Clearing Date associated with the applicable Put Notice.

"Person" shall mean an individual, a corporation, a partnership, an association, a trust or other entity or organization, including a government or political subdivision or an agency or instrumentality thereof

"Principal Market" shall mean the NASDAQ stock market.

"Prohibited Put Price" shall mean \$0.25 per share, which shall be adjusted for any reorganization, recapitalization, non-cash dividend, stock split or other similar transaction and, effective upon the consummation of any such reorganization, recapitalization, non-cash dividend, stock split or other similar transaction, the Prohibited Put Price shall mean the lower of (i) the adjusted price and (ii) \$0.25

"Purchase Price" means the Option 1 Purchase Price, an Option 2 Purchase Price or Option 3 Purchase Price, as applicable.

"Put Date" shall mean any Trading Day during the Commitment Period that a Put Notice is deemed delivered pursuant to Section 2.2(b).

"Put Notice" shall mean a written notice, substantially in the form of Exhibit A hereto, addressed to the Investor and setting forth the amount of Put Shares which the Company intends to require the Investor to purchase pursuant to the terms of this Agreement.

"Put Shares" shall mean all shares of Common Stock issued, or that the Company shall be entitled to issue, per any applicable Put Notice in accordance with the terms and conditions of this Agreement.

"Registration Rights Agreement" means that agreement in the form attached hereto as Exhibit C.

"Registration Statement" shall have the meaning specified in Section 6.4.

"Regulation D" shall mean Regulation D promulgated under the Securities Act.

"Rule 144" shall mean Rule 144 promulgated under the Securities Act or any similar provision then in force under the Securities Act.

"SEC" shall mean the United States Securities and Exchange Commission. "SEC Documents" shall have the meaning specified in Section 4.5.

"Securities" means, collectively, the Put Shares and the Commitment Shares. "Securities Act" shall mean the Securities Act of 1933, as amended.

"Short Sales" shall mean all "short sales" as defined in Rule 200 of Regulation SHO under the Exchange Act.

"Subsidiary" or "Subsidiaries" means any Person the Company wholly-owns or controls, or in which the Company, directly or indirectly, owns a majority of the voting stock or similar voting interest, in each case that would be disclosable pursuant to Item 601(b)(21) of Regulation S-K promulgated under the Securities Act.

"Third Party Claim" shall have the meaning specified in Section 9.3(a).

"Trading Day" shall mean a day on which the Principal Market shall be open for business.

"Transaction Documents" shall mean this Agreement, the Registration Rights Agreement and all schedules and exhibits hereto and thereto.

"VWAP" shall mean for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a national exchange as included in the term Principal Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on such national exchange on which the Common Stock is then listed or quoted for trading as reported by Bloomberg L.P. or Quotestream, a product of QuoteMedia, Inc. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)); (b) if the Common Stock is not then traded on a national exchange, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the OTCQX, OTCQB, OTC Pink or OTC Bulletin Board (as applicable); (c) if the Common Stock is not then quoted for trading on the OTCQX, OTCQB, OTC Pink or OTC Bulletin Board and if prices for the Common Stock are then reported in the OTC markets or a similar organization or agency, the most recent bid price per share of the Common Stock so reported that reflects the equivalent of a trading market for the Common Stock; or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Investor and reasonably acceptable to the Company.

ARTICLE II PURCHASE AND SALE OF COMMON STOCK

Section 2.1 PUTS. Upon the terms and conditions set forth herein (including, without limitation, the provisions of Article VII), the Company shall have the right, but not the obligation, to direct the Investor, to process an:

(a) Option 1 Put by its delivery to the Investor of a Put Notice from time to time during the Commitment Period, to purchase Put Shares, provided that notwithstanding any other terms of this Agreement, in each instance, (i) the Investment Amount is not more than the Option 1 Maximum Put Amount for any Option 1 Put, (ii) all shares of Common Stock resulting from prior submitted Put Notices must have been delivered, (iii) the aggregate Investment Amount of All Option Puts shall not exceed the Maximum Commitment Amount; (iv) the Trading Day prior to the subject Clearing Date must not have been the lowest VWAP of the Common Stock out of the prior 10 consecutive Trading Days, and (v) at least two Trading Days must have lapsed since the most recent Clearing Date. Additionally, there shall be no Option 1 Put during an Option 3 Put Valuation Period.

(b) Option 2 Put by its delivery to the Investor of a Put Notice from time to time during the Commitment Period, to purchase Put Shares, provided that notwithstanding any other terms of this Agreement, in each instance, (i) the Investment Amount is not more than the Option 2 Maximum Put Amount for any Option 2 Put, (ii) the aggregate Investment Amount of All Option Puts shall not exceed the Maximum Commitment Amount, (iii) the aggregate of the Option 2 Maximum Put Amounts shall not exceed \$1,000,000 on any given date and (iv) all shares of Common Stock resulting from prior submitted Put Notices must have been delivered. Additionally, there shall be no Option 2 Put during an Option 3 Put Valuation Period.

(c) Option 3 Put by its delivery to the Investor of a Put Notice from time to time during the Commitment Period, to purchase Put Shares in a minimum amount not less than \$25,000 and not in excess of the Option 3 Maximum Put Amount; provided that notwithstanding any other terms of this Agreement, in each instance, (i) that such minimum amount of Put Shares under an Option 3 Put; (ii) the aggregate Investment Amount of All Option Puts shall not exceed the Maximum Commitment Amount, (iii) all shares of Common Stock resulting from prior submitted Put Notices must have been delivered, (iv) the Common Stock must have closed at no less than \$0.32 per share on the Trading Day prior to the delivery of the Put Notice or the Common Stock must have traded at or above \$0.32 per share on the day of the delivery of the Put Notice, and (v) the Company shall not have filed or issued any material public disclosure regarding its business or otherwise on either the day prior to the delivery of the Put Notice or within 2 hours of the delivery of the Put Notice. Additionally, there shall be no Option 2 Put or Option 3 Put on a date that an Option 3 Put is delivered.

(d) Notwithstanding anything to the contrary, the Company and the Investor shall not effectuate any Puts under this Agreement if either: (i) the last traded price at the time of the put is not at least 110% of the Prohibited Put Price or (ii) if the Purchase Price would be at a price below the Prohibited Put Price.

Section 2.2 MECHANICS.

(a) PUT NOTICE. At any time and from time to time during the Commitment Period, except as provided in this Agreement, the Company may cause a Put by delivering a Put Notice to the Investor, subject to satisfaction of the conditions set forth in Section 2.1, Section 7.2 and otherwise provided in this Agreement. The Company shall deliver, or cause to be delivered, the Put Shares as DWAC Shares to the Investor within one Trading Day following the Put Date.

(b) DATE OF DELIVERY OF PUT NOTICE. A Put Notice shall be deemed delivered on (i) the Trading Day it is received by e-mail by the Investor if such notice is received on or prior to 1:30 p.m. EST or (ii) the immediately succeeding Trading Day if it is received by e-mail after 1:30 p.m. EST on a Trading Day or at any time on a day which is not a Trading Day.

Section 2.3 CLOSINGS.

(a) TIMING. The Closing of a Put shall occur within one Trading Day following the Clearing Date of Option 1 Put and Option 2 Put and one Trading Day following the end of the Option 3 Valuation Period, whereby the Investor shall deliver the Investment Amount by wire transfer of immediately available funds to an account designated by the Company. In addition, on or prior to any such Closing, each of the Company and the Investor shall deliver to each other all documents, instruments and writings required to be delivered or reasonably requested by either of them pursuant to this Agreement in order to implement and effect the transactions contemplated herein.

(b) RETURN OF SURPLUS. If the value of the Put Shares delivered to the Investor causes the Company to exceed the Maximum Commitment Amount, then the Investor shall return to the Company the surplus amount of Put Shares associated with such Put, and such applicable Purchase Price shall be reduced by any Clearing Costs related to the return of such Put Shares.

(c) RESALES DURING VALUATION PERIOD. The parties acknowledge and agree that during the Option 1 Valuation Period, Option 2 Valuation Period or Option 3 Valuation Period (as applicable), the Investor may contract for, or otherwise effect, the resale of the subject purchased Put Shares to third-parties, subject to security laws and regulations.

ARTICLE III
REPRESENTATIONS AND WARRANTIES OF INVESTOR

The Investor represents and warrants to the Company that:

Section 3.1 INTENT. The Investor is entering into this Agreement for its own account, and the Investor has no present arrangement (whether or not legally binding) at any time to sell the Securities to or through any Person in violation of the Securities Act or any applicable state securities laws; provided, however, that the Investor reserves the right to dispose of the Securities at any time in accordance with federal and state securities laws applicable to such disposition.

Section 3.2 NO LEGAL ADVICE FROM THE COMPANY. The Investor acknowledges that it has had the opportunity to review this Agreement and the transactions contemplated by this Agreement with its own legal counsel and investment and tax advisors. Except with respect to the representations, warranties and covenants contained in this Agreement, the Investor is relying solely on such counsel and advisors and not on any statements or representations of the Company or any of its representatives or agents for legal, tax or investment advice with respect to this investment, the transactions contemplated by this Agreement or the securities laws of any jurisdiction.

Section 3.3 ACCREDITED INVESTOR. The Investor is an accredited investor as defined in Rule 501(a)(3) of Regulation D, and the Investor has such experience in business and financial matters that it is capable of evaluating the merits and risks of an investment in the Securities. The Investor acknowledges that an investment in the Securities is speculative and involves a high degree of risk.

Section 3.4 AUTHORITY. The Investor has the requisite power and authority to enter into and perform its obligations under this Agreement and the other Transaction Documents and to consummate the transactions contemplated hereby and thereby. The execution and delivery of this Agreement and the other Transaction Documents and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary action and no further consent or authorization of the Investor is required. Each Transaction Document to which it is a party has been duly executed by the Investor, and when delivered by the Investor in accordance with the terms hereof, will constitute the valid and binding obligation of the Investor enforceable against it in accordance with its terms, subject to applicable bankruptcy, insolvency, or similar laws relating to, or affecting generally the enforcement of, creditors' rights and remedies or by other equitable principles of general application.

Section 3.5 NOT AN AFFILIATE. The Investor is not an officer, director or "affiliate" (as such term is defined in Rule 405 of the Securities Act) of the Company.

Section 3.6 ORGANIZATION AND STANDING. The Investor is an entity duly formed, validly existing and in good standing under the laws of the jurisdiction of its formation with full right, limited liability company power and authority to enter into and to consummate the transactions contemplated by this Agreement and the other Transaction Documents.

Section 3.7 ABSENCE OF CONFLICTS. The execution and delivery of this Agreement and the other Transaction Documents, and the consummation of the transactions contemplated hereby and thereby and compliance with the requirements hereof and thereof, will not (a) violate any law, rule, regulation, order, writ, judgment, injunction, decree or award binding on the Investor, (b) violate any provision of any indenture, instrument or agreement to which the Investor is a party or is subject, or by which the Investor or any of its assets is bound, or conflict with or constitute a material default thereunder, (c) result in the creation or imposition of any lien pursuant to the terms of any such indenture, instrument or agreement, or constitute a breach of any fiduciary duty owed by the Investor to any third party, or (d) require the approval of any third-party (that has not been obtained) pursuant to any material contract, instrument, agreement, relationship or legal obligation to which the Investor is subject or to which any of its assets, operations or management may be subject.

Section 3.8 DISCLOSURE; ACCESS TO INFORMATION. The Investor had an opportunity to review copies of the SEC Documents filed on behalf of the Company and has had access to all publicly available information with respect to the Company; provided, however, that the Investor makes no representation or warranty hereunder with respect to any SEC Document and is relying on the representations and warranties of the Company in Article IV with respect to the SEC Documents.

Section 3.9 MANNER OF SALE. At no time was the Investor presented with or solicited by or through any leaflet, public promotional meeting, television advertisement or any other form of general solicitation or advertisement regarding the Securities.

ARTICLE IV REPRESENTATIONS AND WARRANTIES OF THE COMPANY

The Company represents and warrants to the Investor that, except as set forth in the disclosure schedules hereto that as of the Execution Date and at each Clearing Date:

Section 4.1 ORGANIZATION OF THE COMPANY. The Company is a corporation duly incorporated, validly existing and in good standing under the laws of the Cayman Islands, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Each of the Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Each of the Company and the Subsidiaries is not in violation or default of any of the provisions of its respective certificate or articles of incorporation, bylaws or other organizational or charter documents. Each of the Company and the Subsidiaries is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, could not have or reasonably be expected to result in a Material Adverse Effect and no proceeding has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.

Section 4.2 AUTHORITY. The Company has the requisite corporate power and authority to enter into and perform its obligations under this Agreement and the other Transaction Documents. The execution and delivery of this Agreement and the other Transaction Documents by the Company and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary corporate action and no further consent or authorization of the Company or its board of directors or stockholders is required. Each of this Agreement and the other Transaction Documents has been duly executed and delivered by the Company and constitutes a valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except as such enforceability may be limited by applicable bankruptcy, insolvency, or similar laws relating to, or affecting generally the enforcement of, creditors' rights and remedies or by other equitable principles of general application.

Section 4.3 CAPITALIZATION. As of the Execution Date, the authorized capital stock of the Company is as set forth in Schedule 4.3. Except as set forth on Schedule 4.3, the Company has not issued any capital stock since its most recently filed periodic report under the Exchange Act, other than pursuant to the exercise of employee stock options under the Company's stock option plans, the issuance of shares of Common Stock to employees pursuant to the Company's employee stock purchase plans and pursuant to the conversion and/or exercise of Common Stock Equivalents outstanding as of the date of the most recently filed periodic report under the Exchange Act. Except as set forth in the SEC Documents or except as would not cause a Material Adverse Effect, no Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents. Except as set forth on Schedule 4.3, and except as a result of the purchase and sale of the Securities, there are no outstanding options, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire any shares of Common Stock, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents except as set forth in the SEC Documents or except as would not cause a Material Adverse Effect. The issuance and sale of the Securities will not obligate the Company to issue shares of Common Stock or other securities to any Person (other than the Investor) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities. Except as set forth in the SEC Documents or except as would not cause a Material Adverse Effect, there are no stockholders agreements, voting agreements or other similar agreements with respect to the Company's capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company's stockholders.

Section 4.4 LISTING AND MAINTENANCE REQUIREMENTS. The Common Stock is registered pursuant to Section 12(b) or 12(g) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the American Depositary Shares (ADS) under the Exchange Act, nor has the Company received any notification that the SEC is contemplating terminating such registration. Except as set forth on Schedule 4.4, the Company has not, in the 12 months preceding the Execution Date, received notice from the Principal Market to the effect that the Company is not in compliance with the listing or maintenance requirements of such Principal Market. Except as set forth on Schedule 4.4, the Company is, and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements.

Section 4.5 SEC DOCUMENTS; DISCLOSURE. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities Act and the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof, for the one year preceding the Execution Date (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the "SEC Documents") on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Documents prior to the expiration of any such extension. As of their respective dates, the SEC Documents complied in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable, and other federal laws, rules and regulations applicable to such SEC Documents, and none of the SEC Documents when filed contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading. The financial statements of the Company included in the SEC Documents comply as to form and substance in all material respects with applicable accounting requirements and the published rules and regulations of the SEC or other applicable rules and regulations with respect thereto. Such financial statements have been prepared in accordance with generally accepted accounting principles applied on a consistent basis during the periods involved (except (a) as may be otherwise indicated in such financial statements or the notes thereto or (b) in the case of unaudited interim statements, to the extent they may not include footnotes or may be condensed or summary statements) and fairly present in all material respects the financial position of the Company as of the dates thereof and the results of operations and cash flows for the periods then ended (subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments). The Company maintains a system of internal accounting controls appropriate for its size. There is no transaction, arrangement, or other relationship between the Company and an unconsolidated or other off balance sheet entity that is not disclosed by the Company in its financial statements or otherwise that would be reasonably likely to have a Material Adverse Effect. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company confirms that neither it nor any other Person acting on its behalf has provided the Investor or its agents or counsel with any information that it believes constitutes or might constitute material, non-public information. The Company understands and confirms that the Investor will rely on the foregoing representation in effecting transactions in securities of the Company.

Section 4.6 VALID ISSUANCES. The Securities are duly authorized and, when issued and paid for in accordance with the applicable Transaction Documents, will be validly issued, fully paid, and non-assessable, free and clear of all Liens imposed by the Company, other than restrictions on transfer provided for in the Transaction Documents and under the Securities Act.

Section 4.7 NO CONFLICTS. The execution, delivery and performance of this Agreement and the other Transaction Documents by the Company, and the consummation by the Company of the transactions contemplated hereby and thereby, including, without limitation, the issuance of the Put Shares and the Commitment Shares, do not and will not: (a) result in a violation of the Company's or any Subsidiary's certificate or articles of incorporation, by-laws or other organizational or charter documents, (b) conflict with, or constitute a material default (or an event that with notice or lapse of time or both would become a material default) under, result in the creation of any Lien upon any of the properties or assets of the Company or any Subsidiary, or give to others any rights of termination, amendment, acceleration or cancellation of, any agreement, indenture, instrument or any "lock-up" or similar provision of any underwriting or similar agreement to which the Company or any Subsidiary is a party, or (c) result in a violation of any federal, state or local law, rule, regulation, order, judgment or decree (including federal and state securities laws and regulations) applicable to the Company or any Subsidiary or by which any property or asset of the Company or any Subsidiary is bound or affected (except for such conflicts, defaults, terminations, amendments, accelerations, cancellations and violations as would not, individually or in the aggregate, have a Material Adverse Effect), nor is the Company otherwise in violation of, conflict with or in default under any of the foregoing. The business of the Company is not being conducted in violation of any law, ordinance or regulation of any governmental entity, except for possible violations that either singly or in the aggregate do not and will not have a Material Adverse Effect. The Company is not required under federal, state or local law, rule or regulation to obtain any consent, authorization or order of, or make any filing or registration with, any court or governmental agency in order for it to execute, deliver or perform any of its obligations under this Agreement or the other Transaction Documents (other than any SEC, FINRA or state securities filings that may be required to be made by the Company in connection with the issuance of the Commitment Shares or subsequent to any Closing or any registration statement that may be filed pursuant hereto); provided that, for purposes of the representation made in this sentence, the Company is assuming and relying upon the accuracy of the relevant representations and agreements of Investor herein.

Section 4.8 NO MATERIAL ADVERSE CHANGE. No event has occurred that would have a Material Adverse Effect on the Company or any Subsidiary that has not been disclosed in subsequent SEC filings.

Section 4.9 LITIGATION AND OTHER PROCEEDINGS. Except as set forth in the SEC Documents or except as would not cause a Material Adverse Effect, and except as set forth on Schedule 4.9, there are no actions, suits, investigations, inquiries or proceedings pending or, to the knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties, nor has the Company received any written or oral notice of any such action, suit, proceeding, inquiry or investigation, which would have a Material Adverse Effect or would require disclosure under the Securities Act or the Exchange Act. No judgment, order, writ, injunction or decree or award has been issued by or, to the knowledge of the Company, requested of any court, arbitrator or governmental agency which would have a Material Adverse Effect. There has not been, and to the knowledge of the Company, there is not pending or contemplated, any investigation by the SEC involving the Company, any Subsidiary, or any current or former director or officer of the Company or any Subsidiary.

Section 4.10 INVESTOR'S STATUS. The Company acknowledges and agrees that the Investor is acting solely in the capacity of arm's length purchaser with respect to the Transaction Documents and the transactions contemplated hereby and thereby. The Company acknowledges and agrees that the Investor is not an "affiliate" (as defined under the Securities Act) of the Company and will make no representation or take any action to the contrary. The Company further acknowledges that the Investor is not acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to the Transaction Documents and the transactions contemplated hereby and thereby and any advice given by the Investor or any of its representatives or agents in connection with the Transaction Documents and the transactions contemplated hereby and thereby is merely incidental to the Investor's purchase of the Securities. The Company further represents to the Investor that the Company's decision to enter into the Transaction Documents has been based solely on the independent evaluation by the Company and its representatives and advisors.

Section 4.11 NO GENERAL SOLICITATION. Neither the Company, any Subsidiary, nor any of their respective affiliates, nor any Person acting on their behalf, has engaged in any form of general solicitation or general advertising (within the meaning of Regulation D under the Securities Act) in connection with the offer or sale of the Securities.

Section 4.12 INTELLECTUAL PROPERTY RIGHTS. The Company and each Subsidiary own or possess adequate rights or licenses to use all material trademarks, trade names, service marks, service mark registrations, service names, patents, patent rights, copyrights, inventions, licenses, approvals, governmental authorizations, trade secrets and rights necessary to conduct their respective businesses as now conducted. None of the Company's, nor any Subsidiary's material Intellectual Property has expired or terminated, or, by the terms and conditions thereof, could expire or terminate within three years from the date of this Agreement. The Company does not have any knowledge of any infringement by the Company and/or any Subsidiary of any material Intellectual Property of others, or of any such development of similar or identical trade secrets or technical information by others, and there is no claim, action or proceeding being made or brought against, or to the Company's knowledge, being threatened against, the Company and/or any Subsidiary regarding the infringement of any Intellectual Property, which could reasonably be expected to have a Material Adverse Effect.

Section 4.13 ENVIRONMENTAL LAWS. To the Company's knowledge, the Company and each Subsidiary (i) is in compliance with any and all applicable foreign, federal, state and local laws and regulations relating to the protection of human health and safety, the environment or hazardous or toxic substances or wastes, pollutants or contaminants ("Environmental Laws"), (ii) has received all permits, licenses or other approvals required of it under applicable Environmental Laws to conduct its respective businesses and (iii) is in compliance with all terms and conditions of any such permit, license or approval, except where, in each of the three foregoing clauses, the failure to so comply could not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect.

Section 4.14 TITLE. Except as disclosed in Schedule 4.15, the Company and each Subsidiary has good and marketable title in fee simple to all real property owned by it and good and marketable title in all personal property owned by it that is material to the business of the Company and each Subsidiary, in each case free and clear of all Liens and, except for Liens as do not materially affect the value of such property and do not materially interfere with the use made and proposed to be made of such property by the Company or any Subsidiary and Liens for the payment of federal, state or other taxes, the payment of which is neither delinquent nor subject to penalties. Any real property and facilities held under lease by the Company or any Subsidiary is held under valid, subsisting and enforceable leases with which the Company is in compliance with such exceptions as are not material and do not interfere with the use made and proposed to be made of such property and buildings by the Company or any Subsidiary.

Section 4.15 INSURANCE. The Company and each Subsidiary is insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as management of the Company believes to be prudent and customary in the businesses in which the Company and each Subsidiary is engaged. Neither the Company, nor any Subsidiary has been refused any insurance coverage sought or applied for, and the Company has no reason to believe that it or any Subsidiary will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business at a cost that would not materially and adversely affect the condition, financial or otherwise, or the earnings, business or operations of the Company, taken as a whole.

Section 4.16 REGULATORY PERMITS. Except as set forth in the SEC Documents or except as would not cause a Material Adverse Effect, the Company and each Subsidiary possesses all material certificates, authorizations and permits issued by the appropriate federal, state or foreign regulatory authorities necessary to conduct its businesses, and neither the Company, nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any such certificate, authorization or permit.

Section 4.17 TAX STATUS. The Company and each Subsidiary has made or filed all federal and state income and all other material tax returns, reports and declarations required by any jurisdiction to which it is subject (unless and only to the extent that the Company has set aside on its books provisions reasonably adequate for the payment of all unpaid and unreported taxes) and has paid all taxes and other governmental assessments and charges that are material in amount, shown or determined to be due on such returns, reports and declarations, except those being contested in good faith and has set aside on its books provision reasonably adequate for the payment of all taxes for periods subsequent to the periods to which such returns, reports or declarations apply. There are no unpaid taxes in any material amount claimed to be due by the taxing authority of any jurisdiction, and the officers of the Company know of no basis for any such claim.

Section 4.18 TRANSACTIONS WITH AFFILIATES. Except as set forth in the SEC Documents, none of the officers or directors of the Company or any Subsidiary, and to the knowledge of the Company, none of the employees of the Company or any Subsidiary is presently a party to any transaction with the Company or any Subsidiary (other than for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, or otherwise requiring payments to or from any officer, director or such employee or, to the knowledge of the Company, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee or partner, in each case in excess of the lesser of (i) \$120,000 or (ii) one percent of the average of the Company's total assets at year-end for the last two completed fiscal years, other than for (i) payment of salary or consulting fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company or any Subsidiary and (iii) other employee benefits, including stock option agreements under any stock option plan of the Company.

Section 4.19 FOREIGN CORRUPT PRACTICES. Neither the Company, any Subsidiary, nor to the knowledge of the Company, any agent or other Person acting on behalf of the Company or any Subsidiary, has (i) directly or indirectly, used any funds for unlawful contributions, gifts, entertainment or other unlawful expenses related to foreign or domestic political activity, (ii) made any unlawful payment to foreign or domestic government officials or employees or to any foreign or domestic political parties or campaigns from corporate funds, (iii) failed to disclose fully any contribution made by the Company or any Subsidiary (or made by any Person acting on its behalf of which the Company is aware) which is in violation of law, or (iv) violated in any material respect any provision of the Foreign Corrupt Practices Act of 1977, as amended.

Section 4.20 SARBANES-OXLEY. The Company is in compliance with all provisions of the Sarbanes-Oxley Act of 2002, as amended, which are applicable to it.

Section 4.21 CERTAIN FEES. No brokerage or finder's fees or commissions are or will be payable by the Company to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by the Transaction Documents. The Investor shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of any Persons for fees of a type contemplated in this Section 4.23 that may be due in connection with the transactions contemplated by the Transaction Documents.

Section 4.22 ACCOUNTANTS. The Company's accountants are set forth in the SEC Documents and, to the knowledge of the Company, such accountants are an independent registered public accounting firm as required by the Securities Act.

Section 4.23 NO MARKET MANIPULATION. Neither the Company, nor any Subsidiary has, and to its knowledge no Person acting on either of their behalf has, (i) taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Securities, (ii) sold, bid for, purchased, or, paid any compensation for soliciting purchases of, any of the Securities, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company.

Section 4.24 NO DISQUALIFICATION EVENTS. None of the Company, any Subsidiary, any of their predecessors, any affiliated issuer, any director, executive officer, other officer of the Company or any Subsidiary participating in the offering contemplated hereby, any beneficial owner of 20% or more of the Company's outstanding voting equity securities, calculated on the basis of voting power, nor any promoter (as that term is defined in Rule 405 under the Securities Act) connected with the Company in any capacity at the time of sale (each, an "Issuer Covered Person") is subject to any of the "Bad Actor" disqualifications described in Rule 506(d)(1) under the Securities Act (a "Disqualification Event"), except for a Disqualification Event covered by Rule 506(d)(2) or (d)(3) under the Securities Act. The Company has exercised reasonable care to determine whether any Issuer Covered Person is subject to a Disqualification Event.

Section 4.25 MONEY LAUNDERING. The Company and each Subsidiary is in compliance with, and has not previously violated, the USA PATRIOT ACT of 2001 and all other applicable U.S. and non-U.S. anti-money laundering laws and regulations, including, but not limited to, the laws, regulations and Executive Orders and sanctions programs administered by the U.S. Office of Foreign Assets Control, including, but not limited, to (i) Executive Order 13224 of September 23, 2001 entitled, "Blocking Property and Prohibiting Transactions With Persons Who Commit, Threaten to Commit, or Support Terrorism" (66 Fed. Reg. 49079 (2001)); and (ii) any regulations contained in 31 CFR, Subtitle B, Chapter V.

Section 4.26 ILLEGAL OR UNAUTHORIZED PAYMENTS; POLITICAL CONTRIBUTIONS. Neither the Company, nor any Subsidiary has, nor, to the best of the Company's knowledge (after reasonable inquiry of its officers and directors), any of the officers, directors, employees, agents or other representatives of the Company, any Subsidiary or any other business entity or enterprise with which the Company is or has been affiliated or associated, has, directly or indirectly, made or authorized any payment, contribution or gift of money, property, or services, whether or not in contravention of applicable law, (a) as a kickback or bribe to any Person or (b) to any political organization, or the holder of or any aspirant to any elective or appointive public office except for personal political contributions not involving the direct or indirect use of funds of the Company.

Section 4.27 SHELL COMPANY STATUS. The Company is not currently an issuer identified in Rule 144(i)(1)(i) under the Securities Act, is subject to the reporting requirements of Section 13 or 15(d) of the Exchange Act, has filed all reports and other materials required to be filed by Section 13 or 15(d) of the Exchange Act, as applicable during the preceding 12 months, and, as of a date at least one year prior to the Execution Date, has filed current "Form 10 information" with the SEC (as defined in Rule 144(i)(3) of the Securities Act) reflecting its status as an entity that is no longer an issuer described in Rule 144(i)(1)(i) of the Securities Act.

Section 4.28 ABSENCE OF SCHEDULES. In the event that on the Execution Date, the Company does not deliver any disclosure schedule contemplated by this Agreement, the Company hereby acknowledges and agrees that (i) each such undelivered disclosure schedule shall be deemed to read as follows: "Nothing to Disclose", and (ii) the Investor has not otherwise waived delivery of such disclosure schedule, except as set forth in the SEC Documents or except as would not cause a Material Adverse Effect.

ARTICLE V COVENANTS OF INVESTOR

Section 5.1 COMPLIANCE WITH LAW; TRADING IN SECURITIES. The Investor's trading activities with respect to shares of Common Stock will be in compliance with all applicable state and federal securities laws and regulations and the rules and regulations of FINRA and the Principal Market.

Section 5.2 SHORT SALES AND CONFIDENTIALITY. Neither the Investor, nor any affiliate of the Investor acting on its behalf or pursuant to any understanding with it, will execute any Short Sales during the period from the Execution Date to the end of the Commitment Period. For the purposes hereof, and in accordance with Regulation SHO, the sale after delivery of a Put Notice of such number of shares of Common Stock reasonably expected to be purchased under a Put Notice shall not be deemed a Short Sale. The Investor shall, until such time as the transactions contemplated by this Agreement are publicly disclosed by the Company in accordance with the terms of this Agreement, maintain the confidentiality of the existence and Willis of this transaction and the information included in the Transaction Documents. The Investor agrees not to disclose any Confidential Information of the Company to any third party, except for attorneys, accountants, advisors who have a need to know such Confidential Information and are bound by confidentiality, and shall not use any Confidential Information for any purpose other than in connection with, or in furtherance of, the transactions contemplated hereby. The Investor acknowledges that the Confidential Information of the Company shall remain the property of the Company and agrees that it shall take all reasonable measures to protect the secrecy of any Confidential Information disclosed by the Company.

**ARTICLE VI
COVENANTS OF THE COMPANY**

Section 6.1 REMOVED AND RESERVED.

Section 6.2 LISTING OF ADS. The Company shall promptly secure the listing of all of the Put Shares and Commitment Shares to be issued to the Investor hereunder on the Principal Market (subject to official notice of issuance) and shall use commercially reasonable best efforts to maintain, so long as any shares of Common Stock shall be so listed, the listing of all such Put Shares and Commitment Shares from time to time issuable hereunder. The Company shall use its commercially reasonable efforts to continue the listing and trading of the Common Stock on the Principal Market (including, without limitation, maintaining sufficient net tangible assets) and will comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of FINRA and the Principal Market. The Company shall not take any action that would reasonably be expected to result in the delisting or suspension of the Common Stock on the Principal Market. The Company shall promptly, and in no event later than the following Trading Day, provide to the Investor copies of any notices it receives from any Person regarding the continued eligibility of the Common Stock for listing on the Principal Market. The Company shall pay all fees and expenses in connection with satisfying its obligations under this Section 6.2. The Company shall take all action necessary to ensure that its A D S can be transferred electronically as DWAC Shares.

Section 6.3 OTHER EQUITY LINES. So long as this Agreement remains in effect, the Company covenants and agrees that it will not, without the prior written consent of the Investor, enter into any other equity line of credit agreement with any other party, without the Investor's prior written consent, which consent may be granted or withheld in the Investor's sole and absolute discretion.

Section 6.4 FILING OF CURRENT REPORT AND REGISTRATION STATEMENT. The Company agrees that it shall file a Current Report on Form 6-K, including the Transaction Documents as exhibits thereto, with the SEC within two Trading Days after executing this Agreement and describing the material terms and conditions of, the Transaction Documents (the "Current Report"). The Company shall permit the Investor to review and comment upon the final pre-filing draft version of the Current Report at least one Trading Day prior to its filing with the SEC, and the Company shall give reasonable consideration to all such comments. The Investor shall use its reasonable best efforts to comment upon the final pre-filing draft version of the Current Report within one Trading Day from the date the Investor receives it from the Company. Pursuant to the terms of the Registration Rights Agreement, the Company shall also file with the SEC, on or before the 30th business day following the Execution Date, a new registration statement on Form F-1 or F-3 (the "Registration Statement") covering the resale of the Put Shares and Commitment Shares.

Section 6.5 ISSUANCE OF COMMITMENT SHARES. In consideration for the Investor's execution and delivery of, and performance under this Agreement, the Company shall cause the Transfer Agent to issue the Commitment Shares to the Investor on the Execution Date. For the avoidance of doubt, all of the Commitment Shares shall be fully earned as of the Execution Date, and the issuance of the Commitment Shares is not contingent upon any other event or condition, including, without limitation, the effectiveness of the Registration Statement or the Company's submission of a Put Notice to the Investor and irrespective of any termination of this Agreement. The Company shall include on any registration statement filed with the SEC all Commitment Shares. Of the Commitment Shares, 740,740 shares ("Prior Agreement CS") should have been issued in connection with the Prior Agreement (defined below). The holding period for the Prior Agreement CS shall tack back to the execution date of that certain Equity Purchase Agreement dated March 17, 2021 (the "Prior Agreement") by and between the Company and the Investor, which is hereby terminated. The Company hereby confirms that it will not take a position to the contrary.

Section 6.6 DUE DILIGENCE; CONFIDENTIALITY; NON-PUBLIC INFORMATION. The Investor shall have the right, from time to time as the Investor may reasonably deem appropriate, to perform reasonable due diligence on the Company during normal business hours. The Company, each Subsidiary and their respective officers and employees shall provide information and reasonably cooperate with the Investor in connection with any reasonable request by the Investor related to the Investor's due diligence of the Company. The Company agrees not to disclose any Confidential Information of the Investor to any third party, except for attorneys, accountants, advisors who have a need to know such Confidential Information and are bound by confidentiality, and shall not use any Confidential Information for any purpose other than in connection with, or in furtherance of, the transactions contemplated hereby. The Company acknowledges that the Confidential Information of the Investor shall remain the property of the Investor and agrees that it shall take all reasonable measures to protect the secrecy of any Confidential Information disclosed by the Investor. The Company confirms that neither it nor any other Person acting on its behalf shall provide the Investor or its agents or counsel with any information that constitutes or might constitute material, non-public information, unless a simultaneous public announcement thereof is made by the Company in the manner contemplated by Regulation FD. In the event of a breach of the foregoing covenant by the Company or any Person acting on its behalf (as determined in the reasonable good faith judgment of the Investor), in addition to any other remedy provided herein or in the other Transaction Documents, the Investor shall have the right to make a public disclosure, in the form of a press release, public advertisement or otherwise, of such material, non-public information without the prior approval by the Company; provided the Investor shall have first provided notice to the Company that it believes it has received information that constitutes material, non-public information, and the Company shall have had at least 24 hours to publicly disclose such material, non-public information prior to any such disclosure by the Investor, and the Company shall have failed to publicly disclose such material, non-public information within such time period. The Investor shall not have any liability to the Company, any Subsidiary, or any of their respective directors, officers, employees, stockholders, affiliates or agents, for any such disclosure. The Company understands and confirms that the Investor shall be relying on the foregoing covenants in effecting transactions in securities of the Company.

Section 6.7 PURCHASE RECORDS. The Company shall maintain records showing the Available Amount at any given time and the date, Investment Amount and Put Shares for All Option Puts, contained in the applicable Put Notice.

Section 6.8 TAXES. The Company shall pay any and all transfer, stamp or similar taxes that may be payable with respect to the issuance and delivery of any shares of Common Stock to the Investor made under this Agreement.

Section 6.9 USE OF PROCEEDS. The Company will use the net proceeds from the offering of Put Shares hereunder in the manner described in the Registration Statement or the SEC Documents.

Section 6.10 OTHER TRANSACTIONS. The Company shall not enter into, announce or recommend to its stockholders any agreement, plan, arrangement or transaction in or of which the terms thereof would restrict, materially delay, conflict with or impair the ability or right of the Company to perform its obligations under the Transaction Documents, including, without limitation, the obligation of the Company to deliver the Put Shares and the Commitment Shares to the Investor in accordance with the terms of the Transaction Documents.

Section 6.11 INTEGRATION. In any case subject to the terms of the Registration Rights Agreement, from and after the Execution Date, neither the Company, nor or any of its Subsidiaries or affiliates will, and the Company shall use its reasonable efforts to ensure that no Person acting on their behalf will, directly or indirectly, make any offers or sales of any security or solicit any offers to buy any security, under circumstances that would require registration of the offer and sale of any of the Securities under the Securities Act.

Section 6.12 TRANSACTION DOCUMENTS. On the Execution Date, the Company shall deliver (or cause to be delivered) to the Investor executed copies of all of the Transaction Documents.

Section 6.13 D&O INSURANCE. The Company shall be required to obtain D&O insurance in the amount of at least \$5,000,000.

ARTICLE VII
CONDITIONS TO DELIVERY OF PUT NOTICES AND CONDITIONS TO CLOSING

Section 7.1 CONDITIONS PRECEDENT TO THE RIGHT OF THE COMPANY TO ISSUE AND SELL PUT SHARES. The right of the Company to issue and sell the Put Shares to the Investor is subject to the satisfaction of each of the conditions set forth below:

- (a) ACCURACY OF INVESTOR'S REPRESENTATIONS AND WARRANTIES. The representations and warranties of the Investor shall be true and correct in all material respects as of the Execution Date and as of the date of each Closing as though made at each such time.
- (b) PERFORMANCE BY INVESTOR. Investor shall have performed, satisfied and complied in all respects with all covenants, agreements and conditions required by this Agreement to be performed, satisfied or complied with by the Investor at or prior to such Closing.
- (c) REGISTRATION STATEMENT. The Company shall not have the right to issue any Put Shares if the Registration Statement, and any amendment or supplement thereto, shall fail to be and remain effective for the resale by the Investor of the Put Shares and Commitment Shares.

Section 7.2 CONDITIONS PRECEDENT TO THE OBLIGATION OF INVESTOR TO PURCHASE PUT SHARES. The obligation of the Investor hereunder to purchase Put Shares is subject to the satisfaction of each of the following conditions:

- (a) REGISTRATION STATEMENT. The Registration Statement, and any amendment or supplement thereto, shall be and remain effective for the resale by the Investor of the Put Shares and the Commitment Shares and (i) neither the Company nor the Investor shall have received notice that the SEC has issued or intends to issue a stop order with respect to such Registration Statement or that the SEC otherwise has suspended or withdrawn the effectiveness of such Registration Statement, either temporarily or permanently, or intends or has threatened to do so and (ii) no other suspension of the use of, or withdrawal of the effectiveness of, such Registration Statement or related prospectus shall exist. The Company shall have prepared and filed with the SEC a final and complete prospectus (the preliminary form of which shall be included in the Registration Statement) and shall have delivered to the Investor a true and complete copy thereof. Such prospectus shall be current and available for the resale by the Investor of all of the Securities covered thereby.
- (b) ACCURACY OF THE COMPANY'S REPRESENTATIONS AND WARRANTIES. The representations and warranties of the Company shall be true and correct in all material respects as of the Execution Date and as of the date of each Closing (except for representations and warranties under the first sentence of Section 4.3, which are specifically made as of the Execution Date and shall be true and correct in all respects as of the Execution Date).
- (c) PERFORMANCE BY THE COMPANY. The Company shall have performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by this Agreement to be performed, satisfied or complied with by the Company.
- (d) NO INJUNCTION. No statute, rule, regulation, executive order, decree, ruling or injunction shall have been enacted, entered, promulgated or adopted by any court or governmental authority of competent jurisdiction that prohibits or directly and materially adversely affects any of the transactions contemplated by the Transaction Documents, and no proceeding shall have been commenced that may have the effect of prohibiting or materially adversely affecting any of the transactions contemplated by the Transaction Documents.

(e) ADVERSE CHANGES. Since the date of filing of the Company's most recent SEC Document, no event that had or is reasonably likely to have a Material Adverse Effect has occurred.

(f) NO SUSPENSION OF TRADING IN OR DELISTING OF ADS The trading of the Common Stock shall not have been suspended by the SEC, the Principal Market or FINRA, or otherwise halted for any reason, and the Common Stock shall have been approved for listing or quotation on and shall not have been delisted from the Principal Market. In the event of a suspension, delisting, or halting for any reason, of the trading of the Common Stock, as contemplated by this Section 7.2(f), the Investor shall have the right to return to the Company any Put Shares held by it and be refunded the Purchase Price of the applicable put. The refunded purchase price shall be based on the most recent Put Shares acquired by the Investor.

(g) BENEFICIAL OWNERSHIP LIMITATION. Notwithstanding anything to the contrary contained in this Agreement, the Company shall not issue or sell, and the Investor shall not purchase or acquire, any shares of Common Stock under this Agreement which, when aggregated with all other shares of Common Stock then beneficially owned by the Investor and its affiliates (as calculated pursuant to Section 13(d) of the Exchange Act and Rule 13d-3 promulgated thereunder) would result in the beneficial ownership by the Investor and its affiliates of more than 4.99% of the then issued and outstanding shares of Common Stock (the "Beneficial Ownership Limitation"). Upon the written or oral request of the Investor, the Company shall promptly (but not later than one Trading Day) confirm orally or in writing to the Investor the number of shares of Common Stock then outstanding. The Investor and the Company shall each cooperate in good faith in the determinations required hereby and the application hereof. The Investor's written certification to the Company of the applicability of the Beneficial Ownership Limitation, and the resulting effect thereof hereunder at any time, shall be conclusive with respect to the applicability thereof and such result absent manifest error.

(h) NO KNOWLEDGE. The Company shall have no knowledge of any event more likely than not to have the effect of causing the Registration Statement to be suspended or otherwise ineffective (which event is more likely than not to occur within the 15 Trading Days following the Trading Day on which such Put Notice is deemed delivered). The Company shall have no knowledge of any untrue statement (or alleged untrue statement) of a material fact or omission (or alleged omission) of a material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading, in the Registration Statement, any effective registration statement filed pursuant to the Registration Rights Agreement or any post-effective amendment or prospectus which is a part of the foregoing, unless the Company has filed an amendment with the SEC or taken such other.

(i) NO VIOLATION OF SHAREHOLDER APPROVAL REQUIREMENT. The issuance of the Put Shares shall not violate the shareholder approval requirements of the Principal Market.

OFFICER'S CERTIFICATE. On the date of delivery of each Put Notice, the Investor shall have received the Closing Certificate executed by an executive officer of the Company and to the effect that all the conditions to such Closing shall have been satisfied as of the date of each such certificate.

(k) SEC DOCUMENTS. All reports, schedules, registrations, forms, statements, information and other documents required to have been filed by the Company with the SEC pursuant to the reporting requirements of the Exchange Act shall have been filed with the SEC within the applicable time periods prescribed for such filings under the Exchange Act.

(1) NO VIOLATION. No statute, regulation, order, guidance, decree, writ, ruling or injunction shall have been enacted, entered, promulgated, threatened or endorsed by any federal, state, local or foreign court or governmental authority of competent jurisdiction, including, without limitation, the SEC, which prohibits the consummation of or which would materially modify or delay any of the transactions contemplated by the Transaction Documents.

(m) LEGAL OPINION. The Company shall cause to be delivered to the Investor a written opinion of counsel satisfactory to the Investor, in form and substance satisfactory to the Investor and its counsel, relating to the availability and effectiveness of the Registration Statement, as supplemented by any prospectus supplement or amendment thereto, and regarding the Company's compliance with the applicable statutory laws and the federal securities laws of the United States in the issuance, sale and registration of the Put Shares and Commitment Shares.

(n) ADS RESERVATION AGREEMENT. Execution of a mutually agreeable agreement (and performance thereunder) amongst, the Company, the JPMorgan Chase & Co. and the Investor regarding the reservation and delivery of the ADS.

ARTICLE VIII LEGENDS

Section 8.1 INVESTOR'S COMPLIANCE. Nothing in this Article VIII shall affect in any way the Investor's obligations hereunder to comply with all applicable securities laws upon the sale of the Common Stock.

ARTICLE IX NOTICES; INDEMNIFICATION

Section 9.1 NOTICES. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (a) personally served, (b) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (c) delivered by reputable air courier service with charges prepaid, or (d) transmitted by hand delivery, telegram, or e-mail as a PDF, addressed as set forth below or to such other address as such party shall have specified most recently by written notice given in accordance herewith. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (i) upon hand delivery or delivery by e-mail at the address designated below (if delivered on a business day during normal business hours where such notice is to be received), or the first business day following such delivery (if delivered other than on a business day during normal business hours where such notice is to be received) or (ii) on the second business day following the date of mailing by express courier service or on the fifth business day after deposited in the mail, in each case, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur.

The addresses for such communications shall be:

If to the Company:

Molecular Data Inc.
Floor 11, Building 15, No. 2177 Shengkun Road,
Shanghai, People's Republic of China, 201106
Attention: Steven Foo, Chief Financial Officer
Email: steven.foo@molbase.com

If to the Investor:

Oasis Capital, LLC
208 Ponce de Leon Ave, Suite 1600
San Juan, PR 00918
E-mail: investments@oasis-cap.com
Attention: Adam Long, Managing Partner

With a copy to (that shall not constitute notice)

Nason Yeager Gerson Harris & Fumero, P.A.
3001 PGA Boulevard, Suite 305
Palm Beach Gardens, Florida, 33410
E-mail: bbernstein@nasonyeager.com
Attention: Brian Bernstein, Esq

Either party hereto may from time to time change its address or e-mail for notices under this Section 9.1 by giving at least 10 days' prior written notice of such changed address to the other party hereto.

Section 9.2 INDEMNIFICATION. In consideration of the Investor's execution and delivery of this Agreement and in addition to all of the Company's other obligations under the Transaction Documents, the Company and the Investor (each as the "Indemnifying Party") agrees to indemnify and hold harmless the other party along with its officers, directors, employees, and authorized agents and representatives, and each Person or entity, if any, who controls such party within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act or the rules and regulations thereunder (an "Indemnified Party") from and against any and all Damages, joint or several, and any and all actions in respect thereof to which the Indemnified Party becomes subject to, resulting from, arising out of or relating to (i) any misrepresentation, breach of warranty or nonfulfillment of or failure to perform any covenant or agreement on the part of the Indemnifying Party contained in this Agreement, (ii) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, any registration statement pursuant to the Registration Rights Agreement or any post-effective amendment thereof or supplement thereto, or the omission or alleged omission therefrom of a material fact required to be stated therein or necessary to make the statements therein not misleading, (iii) any untrue statement or alleged untrue statement of a material fact contained in any preliminary prospectus or contained in the final prospectus (as amended or supplemented, if the Company files any amendment thereof or supplement thereto with the SEC) or the omission or alleged omission to state therein any material fact necessary to make the statements made therein, in the light of the circumstances under which the statements therein were made, not misleading, or (iv) any violation or alleged violation by the Company of the Securities Act, the Exchange Act, any state securities law or any rule or regulation under the Securities Act, the Exchange Act or any state securities law, as such Damages are incurred, except to the extent such Damages result primarily from the Indemnified Party's failure to perform any covenant or agreement contained in this Agreement or the Indemnified Party's negligence, recklessness, fraud, willful misconduct or bad faith in performing its obligations under this Agreement; provided, however, that the foregoing indemnity agreement shall not apply to any Damages of an Indemnified Party to the extent, but only to the extent, arising out of or based upon any untrue statement or alleged untrue statement or omission or alleged omission made by an Indemnifying Party in reliance upon and in conformity with written information furnished to the Indemnifying Party by the Indemnified Party expressly for use in the Registration Statement, any post-effective amendment thereof or supplement thereto, or any preliminary prospectus or final prospectus (as amended or supplemented). To the extent that the foregoing undertaking by the Indemnifying Party may be unenforceable for any reason, the Indemnifying Party shall make the maximum contribution to the payment and satisfaction of each of the Indemnified Liabilities that is permissible under applicable law.

Section 9.3 METHOD OF ASSERTING INDEMNIFICATION CLAIMS. All claims for indemnification by any Indemnified Party under Section 9.2 shall be asserted and resolved as follows:

(a) In the event any claim or demand in respect of which an Indemnified Party might seek indemnity under Section 9.2 is asserted against or sought to be collected from such Indemnified Party by a Person other than a party hereto or an affiliate thereof (a "Third Party Claim"), the Indemnified Party shall deliver a written notification, enclosing a copy of all papers served, if any, and specifying the nature of and basis for such Third Party Claim and for the Indemnified Party's claim for indemnification that is being asserted under any provision of Section 9.2 against an Indemnifying Party, together with the amount or, if not then reasonably ascertainable, the estimated amount, determined in good faith, of such Third Party Claim (a "Claim Notice") with reasonable promptness to the Indemnifying Party. If the Indemnified Party fails to provide the Claim Notice with reasonable promptness after the Indemnified Party receives notice of such Third Party Claim, the Indemnifying Party shall not be obligated to indemnify the Indemnified Party with respect to such Third Party Claim to the extent that the Indemnifying Party's ability to defend has been prejudiced by such failure of the Indemnified Party. The Indemnifying Party shall notify the Indemnified Party as soon as practicable within the period ending thirty (30) calendar days following receipt by the Indemnifying Party of either a Claim Notice or an Indemnity Notice (as defined below) (the "Dispute Period") whether the Indemnifying Party disputes its liability or the amount of its liability to the Indemnified Party under Section 9.2 and whether the Indemnifying Party desires, at its sole cost and expense, to defend the Indemnified Party against such Third Party Claim.

(i) If the Indemnifying Party notifies the Indemnified Party within the Dispute Period that the Indemnifying Party desires to defend the Indemnified Party with respect to the Third Party Claim pursuant to this Section 9.3(a), then the Indemnifying Party shall have the right to defend, with counsel reasonably satisfactory to the Indemnified Party, at the sole cost and expense of the Indemnifying Party, such Third Party Claim by all appropriate proceedings, which proceedings shall be vigorously and diligently prosecuted by the Indemnifying Party to a final conclusion or will be settled at the discretion of the Indemnifying Party (but only with the consent of the Indemnified Party in the case of any settlement that provides for any relief other than the payment of monetary damages or that provides for the payment of monetary damages as to which the Indemnified Party shall not be indemnified in full pursuant to Section 9.2). The Indemnifying Party shall have full control of such defense and proceedings, including any compromise or settlement thereof; provided, however, that the Indemnified Party may, at the sole cost and expense of the Indemnified Party, at any time prior to the Indemnifying Party's delivery of the notice referred to in the first sentence of this clause (i), file any motion, answer or other pleadings or take any other action that the Indemnified Party reasonably believes to be necessary or appropriate to protect its interests; and provided, further, that if requested by the Indemnifying Party, the Indemnified Party will, at the sole cost and expense of the Indemnifying Party, provide reasonable cooperation to the Indemnifying Party in contesting any Third Party Claim that the Indemnifying Party elects to contest. The Indemnified Party may participate in, but not control, any defense or settlement of any Third Party Claim controlled by the Indemnifying Party pursuant to this clause (i), and except as provided in the preceding sentence, the Indemnified Party shall bear its own costs and expenses with respect to such participation. Notwithstanding the foregoing, the Indemnified Party may take over the control of the defense or settlement of a Third Party Claim at any time if it irrevocably waives its right to indemnity under Section 9.2 with respect to such Third Party Claim.

(ii) If the Indemnifying Party fails to notify the Indemnified Party within the Dispute Period that the Indemnifying Party desires to defend the Third Party Claim pursuant to this Section 9.3(a), or if the Indemnifying Party gives such notice but fails to prosecute vigorously and diligently or settle the Third Party Claim, or if the Indemnifying Party fails to give any notice whatsoever within the Dispute Period, then the Indemnified Party shall have the right to defend, at the sole cost and expense of the Indemnifying Party, the Third Party Claim by all appropriate proceedings, which proceedings shall be prosecuted by the Indemnified Party in a reasonable manner and in good faith or will be settled at the discretion of the Indemnified Party (with the consent of the Indemnifying Party, which consent will not be unreasonably withheld). The Indemnified Party will have full control of such defense and proceedings, including any compromise or settlement thereof; provided, however, that if requested by the Indemnified Party, the Indemnifying Party will, at the sole cost and expense of the Indemnifying Party, provide reasonable cooperation to the Indemnified Party and its counsel in contesting any Third Party Claim which the Indemnified Party is contesting. Notwithstanding the foregoing provisions of this clause (ii), if the Indemnifying Party has notified the Indemnified Party within the Dispute Period that the Indemnifying Party disputes its liability or the amount of its liability hereunder to the Indemnified Party with respect to such Third Party Claim and if such dispute is resolved in favor of the Indemnifying Party in the manner provided in clause (iii) below, the Indemnifying Party will not be required to bear the costs and expenses of the Indemnified Party's defense pursuant to this clause (ii) or of the Indemnifying Party's participation therein at the Indemnified Party's request, and the Indemnified Party shall reimburse the Indemnifying Party in full for all reasonable costs and expenses incurred by the Indemnifying Party in connection with such litigation. The Indemnifying Party may participate in, but not control, any defense or settlement controlled by the Indemnified Party pursuant to this clause (ii), and the Indemnifying Party shall bear its own costs and expenses with respect to such participation.

(iii) If the Indemnifying Party notifies the Indemnified Party that it does not dispute its liability or the amount of its liability to the Indemnified Party with respect to the Third Party Claim under Section 9.2 or fails to notify the Indemnified Party within the Dispute Period whether the Indemnifying Party disputes its liability or the amount of its liability to the Indemnified Party with respect to such Third Party Claim, the amount of Damages specified in the Claim Notice shall be conclusively deemed a liability of the Indemnifying Party under Section 9.2 and the Indemnifying Party shall pay the amount of such Damages to the Indemnified Party on demand. If the Indemnifying Party has timely disputed its liability or the amount of its liability with respect to such Third Party Claim, the Indemnifying Party and the Indemnified Party shall proceed in good faith to negotiate a resolution of such dispute; provided, however, that if the dispute is not resolved within thirty (30) days after the Claim Notice, the Indemnifying Party shall be entitled to institute such legal action as it deems appropriate.

(b) In the event any Indemnified Party should have a claim under Section 9.2 against the Indemnifying Party that does not involve a Third Party Claim, the Indemnified Party shall deliver a written notification of a claim for indemnity under Section 9.2 specifying the nature of and basis for such claim, together with the amount or, if not then reasonably ascertainable, the estimated amount, determined in good faith, of such claim (an "Indemnity Notice") with reasonable promptness to the Indemnifying Party. The failure by any Indemnified Party to give the Indemnity Notice shall not impair such party's rights hereunder except to the extent that the Indemnifying Party demonstrates that it has been irreparably prejudiced thereby. If the Indemnifying Party notifies the Indemnified Party that it does not dispute the claim or the amount of the claim described in such Indemnity Notice or fails to notify the Indemnified Party within the Dispute Period whether the Indemnifying Party disputes the claim or the amount of the claim described in such Indemnity Notice, the amount of Damages specified in the Indemnity Notice will be conclusively deemed a liability of the Indemnifying Party under Section 9.2 and the Indemnifying Party shall pay the amount of such Damages to the Indemnified Party on demand. If the Indemnifying Party has timely disputed its liability or the amount of its liability with respect to such claim, the Indemnifying Party and the Indemnified Party shall proceed in good faith to negotiate a resolution of such dispute; provided, however, that if the dispute is not resolved within thirty (30) days after the Claim Notice, the Indemnifying Party shall be entitled to institute such legal action as it deems appropriate.

(c) The Indemnifying Party agrees to pay the Indemnified Party, promptly as such expenses are incurred and are due and payable, for any reasonable legal fees or other reasonable expenses incurred by them in connection with investigating or defending any such Claim.

(d) The indemnity provisions contained herein shall be in addition to (i) any cause of action or similar rights of the Indemnified Party against the Indemnifying Party or others, and (ii) any liabilities the Indemnifying Party may be subject to.

ARTICLE X MISCELLANEOUS

Section 10.1 GOVERNING LAW. This Agreement shall be governed by and interpreted in accordance with the laws of the State of New York without regard to the principles of conflicts of law.

Section 10.2 ARBITRATION. Any disputes, claims, or controversies arising out of or relating to the Transaction Documents, or the transactions, contemplated thereby, or the breach, termination, enforcement, interpretation or validity thereof, including the determination of the scope or applicability of this Agreement to arbitrate, shall be referred to and resolved solely and exclusively by binding arbitration to be conducted before the Judicial Arbitration and Mediation Service ("JAMS"), or its successor pursuant the expedited procedures set forth in the JAMS Comprehensive Arbitration Rules and Procedures (the "Rules"), including Rules 16.1 and 16.2 of those Rules. The arbitration shall be held in the southern district of New York, New York, before a tribunal consisting of three arbitrators each of whom will be selected in accordance with the "strike and rank" methodology set forth in Rule 15. Either party to this Agreement may, without waiving any remedy under this Agreement, seek from any federal or state court sitting in New York County, New York any interim or provisional relief that is necessary to protect the rights or property of that party, pending the establishment of the arbitral tribunal. The costs and expenses of such arbitration shall be paid by and be the sole responsibility of the Company, including but not limited to the Investor's attorneys' fees and each arbitrator's fees. The arbitrators' decision must set forth a reasoned basis for any award of damages or finding of liability. The arbitrators' decision and award will be made and delivered as soon as reasonably possibly and in any case within 60 days' following the conclusion of the arbitration hearing and shall be final and binding on the parties and may be entered by any court having jurisdiction thereof

Section 10.3 JURY TRIAL WAIVER. **THE COMPANY AND THE INVESTOR HEREBY WAIVE A TRIAL BY JURY IN ANY ACTION, PROCEEDING OR COUNTERCLAIM BROUGHT BY EITHER OF THE PARTIES HERETO AGAINST THE OTHER IN RESPECT OF ANY MATTER ARISING OUT OF OR IN CONNECTION WITH THE TRANSACTION DOCUMENTS.**

Section 10.4 ASSIGNMENT. This Agreement shall be binding upon and inure to the benefit of the Company and the Investor and their respective successors. Neither this Agreement nor any rights of the Investor or the Company hereunder may be assigned by either party to any other Person.

Section 10.5 NO THIRD PARTY BENEFICIARIES. This Agreement is intended for the benefit of the Company and the Investor and their respective successors, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except as set forth in Article IX.

Section 10.6 TERMINATION. The Company may terminate this Agreement at any time by written notice to the Investor, except while there is an outstanding Put Notice. In addition, this Agreement shall automatically terminate on the earlier of (i) the end of the Commitment Period; (ii) the date that the Company sells and the Investor purchases the Maximum Commitment Amount; or (iii) the date in which the Registration Statement is no longer effective, or (iv) the date that, pursuant to or within the meaning of any Bankruptcy Law, the Company commences a voluntary case or any Person commences a proceeding against the Company, a Custodian is appointed for the Company or for all or substantially all of its property or the Company makes a general assignment for the benefit of its creditors; provided, however, that the provisions of Articles III, IV, V, VI, IX and the agreements and covenants of the Company and the Investor set forth in this Article X shall survive the termination of this Agreement for the maximum length of time allowed under applicable law.

Section 10.7 ENTIRE AGREEMENT. The Transaction Documents, together with the exhibits and schedules thereto, contain the entire understanding of the Company and the Investor with respect to the matters covered herein and therein and supersede all prior agreements and understandings, oral or written, with respect to such matters, which the parties acknowledge have been merged into such documents, exhibits and schedules.

Section 10.8 FEES AND EXPENSES. Except as expressly set forth in the Transaction Documents or any other writing to the contrary, each party shall pay the fees and expenses of its advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party incident to the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all Transfer Agent fees, stamp taxes and other taxes and duties levied in connection with the delivery of any Securities to the Investor. The Company shall pay a non-accountable fee of \$25,000 to the Investor on the Execution Date; provide that, as long as the first Put is executed within 120 days of this Agreement, \$15,000 of this fee shall be reduced from the first Put.

Section 10.9 COUNTERPARTS. This Agreement may be executed in multiple counterparts, each of which may be executed by less than all of the parties and shall be deemed to be an original instrument which shall be enforceable against the parties actually executing such counterparts and all of which together shall constitute one and the same instrument. This Agreement may be delivered to the other parties hereto by e-mail of a copy of this Agreement bearing the signature of the parties so delivering this Agreement.

Section 10.10 SEVERABILITY. In the event that any provision of this Agreement becomes or is declared by a court of competent jurisdiction to be illegal, unenforceable or void, this Agreement shall continue in full force and effect without said provision; provided that such severability shall be ineffective if it materially changes the economic benefit of this Agreement to any party.

Section 10.11 FURTHER ASSURANCES. Each party shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as the other party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

Section 10.12 NO STRICT CONSTRUCTION. The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent, and no rules of strict construction will be applied against any party.

Section 10.13 EQUITABLE RELIEF. The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Investor by vitiating the intent and purpose of the transaction contemplated hereby. Accordingly, the Company acknowledges that the remedy at law for a breach of its obligations under this Agreement will be inadequate and agrees, in the event of a breach or threatened breach by the Company of the provisions of this Agreement, that the Investor shall be entitled, in addition to all other available remedies at law or in equity, and in addition to the penalties assessable herein, to an injunction or injunctions restraining, preventing or curing any breach of this Agreement and to enforce specifically the terms and provisions hereof, without the necessity of showing economic loss and without any bond or other security being required.

Section 10.14 TITLE AND SUBTITLES. The titles and subtitles used in this Agreement are used for the convenience of reference and are not to be considered in construing or interpreting this Agreement.

Section 10.15 AMENDMENTS; WAIVERS. No provision of this Agreement may be amended or waived by the parties from and after the date that is one Trading Day immediately preceding the initial filing of the Registration Statement with the SEC. Subject to the immediately preceding sentence, (i) no provision of this Agreement may be amended other than by a written instrument signed by both parties hereto and (ii) no provision of this Agreement may be waived other than in a written instrument signed by the party against whom enforcement of such waiver is sought. No failure or delay in the exercise of any power, right or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such power, right or privilege preclude other or further exercise thereof or of any other right, power or privilege.

Section 10.16 PUBLICITY. The Company and the Investor shall consult with each other in issuing any press releases or otherwise making public statements with respect to the transactions contemplated hereby and no party shall issue any such press release or otherwise make any such public statement, other than as required by law, without the prior written consent of the other parties, which consent shall not be unreasonably withheld or delayed, except that no prior consent shall be required if such disclosure is required by law, in which such case the disclosing party shall provide the other party with prior notice of such public statement. Notwithstanding the foregoing, the Company shall not publicly disclose the name of the Investor without the prior written consent of the Investor, except to the extent required by law. The Investor acknowledges that this Agreement and all or part of the Transaction Documents may be deemed to be "material contracts," as that term is defined by Item 601(b)(10) of Regulation S-K, and that the Company may therefore be required to file such documents as exhibits to reports or registration statements filed under the Securities Act or the Exchange Act. The Investor further agrees that the status of such documents and materials as material contracts shall be determined solely by the Company, in consultation with its counsel.

**** Signature Page Follows ****

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed by their respective officers thereunto duly authorized as of the Execution Date.

MOLECULAR DATA INC.

By /s/ DongliAng Chang

Name: DongliAng Chang

Title: Chairman of Board of Directors

OASIS CAPITAL, LLC

By: /s/ Adam Long

Name: Adam Long

Title: Managing Partner

**** Signature Page to Equity Purchase Agreement ****

**EXHIBIT A
FORM OF PUT NOTICE**

TO: OASIS CAPITAL, LLC

DATE: _____

We refer to the Equity Purchase Agreement, dated May __, 2021 (the "Agreement"), entered into by and between **Molecular Data Inc.**, and you. Capitalized terms defined in the Agreement shall, unless otherwise defined herein, have the same meaning when used herein.

We hereby:

- 1) Give you notice that we require you to purchase _____ [Insert Number if known] Put Shares pursuant to an [] Option 1 Put or [] Option 2 Put or [] Option 3 Put; and
- 2) Certify that, as of the date hereof, the conditions set forth in Section 7.2 of the Agreement are satisfied.

Molecular Data Inc.

By: _____
Name:
Title:

Exhibit A

EXHIBIT B

**FORM OF OFFICER'S CERTIFICATE
OF MOLECULAR DATA INC.**

Pursuant to Section 7.2(j) of that certain equity purchase agreement, dated May, 2021 (the "Agreement"), by and between MOLECULAR DATA INC. (the "Company") and OASIS CAPITAL, LLC (the "Investor"), the undersigned, in his capacity as Chief Financial Officer of the Company, and not in his individual capacity, hereby certifies, as of the date hereof (such date, the "Condition Satisfaction Date"), the following:

1. The representations and warranties of the Company contained in the Agreement are true and correct in all material respects as of the Condition Satisfaction Date as though made on the Condition Satisfaction Date (except for representations and warranties specifically made as of a particular date) with respect to all periods, and as to all events and circumstances occurring or existing to and including the Condition Satisfaction Date, except for any conditions which have temporarily caused any representations or warranties of the Company set forth in the Agreement to be incorrect and which have been corrected with no continuing impairment to the Company or the Investor; and

2. All of the conditions precedent to the obligation of the Investor to purchase Put Shares set forth in the Agreement, including but not limited to Section 7.2 of the Agreement, have been satisfied as of the Condition Satisfaction Date.

Capitalized terms used herein shall have the meanings set forth in the Agreement unless otherwise defined herein.

IN WITNESS WHEREOF, the undersigned has her- affixed his hand as of May, 2021.

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By:
Name: SIVL
Title: Chief Financial Officer, Molecular Data Inc.

Exhibit B

EXHIBIT C
FORM OF REGISTRATION RIGHTS AGREEMENT

THIS REGISTRATION RIGHTS AGREEMENT (this "Agreement"), dated as of May 13, 2021 (the "Execution Date"), is entered into by and between **MOLECULAR DATA INC.**, a corporation incorporated under the laws of the Cayman Islands (the "Company"), and **OASIS CAPITAL, LLC**, a Puerto Rico limited liability company (together with its permitted assigns, the "Buyer"). Capitalized terms used herein and not otherwise defined herein shall have the respective meanings set forth in that certain Equity Purchase Agreement by and between the parties hereto, dated as of the Execution Date (as amended, restated, supplemented or otherwise modified from time to time, the "Purchase Agreement").

WHEREAS:

The Company has agreed, upon the terms and subject to the conditions of the Purchase Agreement, to sell to the Buyer up to \$50,000,000 of Put Shares, and to induce the Buyer to enter into the Purchase Agreement, the Company has agreed to provide certain registration rights under the Securities Act of 1933 and the rules and regulations thereunder, or any similar successor statute (collectively, the "Securities Act"), and applicable state securities laws.

NOW, THEREFORE, in consideration of the promises and the mutual covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company and the Buyer hereby agree as follows:

1. DEFINITIONS.

As used in this Agreement, the following terms shall have the following meanings:

a. "Investor" means the Buyer, any transferee or assignee thereof to whom the Buyer assigns its rights under this Agreement in accordance with Section 9 and who agrees to become bound by the provisions of this Agreement, and any transferee or assignee thereof to whom a transferee or assignee assigns its rights under this Agreement in accordance with Section 9 and who agrees to become bound by the provisions of this Agreement.

b. "Person" means any individual or entity including, but not limited to, any corporation, a limited liability company, an association, a partnership, an organization, a business, an individual, a governmental or political subdivision thereof or a governmental agency.

c. "Register," "Registered," and "Registration" refer to a registration effected by preparing and filing one or more registration statements of the Company in compliance with the Securities Act and/or pursuant to Rule 415 under the Securities Act or any successor rule providing for the offering of securities on a continuous basis ("Rule 415"), and the declaration or ordering of effectiveness of such registration statement(s) by the United States Securities and Exchange Commission (the "SEC").

d. "Registrable Securities" means all of the (i) Commitment Shares, (ii) Put Shares which have been, or which may, from time to time be issued, including without limitation all of the shares of Common Stock which have been issued or will be issued to the Investor under the Purchase Agreement (without regard to any limitation or restriction on purchases), (iii) any and all shares of capital stock issued or issuable with respect to each of the Transaction Documents, and (iv) any and all shares of capital stock issued or issuable with respect to the Put Shares, Commitment Shares and the Purchase Agreement as a result of any stock split, stock dividend, recapitalization, exchange or similar event or otherwise, without regard to any limitation on purchases under the Purchase Agreement.

e. "Registration Statement" means one or more registration statements of the Company on Form F-3 covering the resale of the Registrable Securities including the Initial Registration Statement and any New Registration Statement or Other Registration Statement (each as defined herein).

2. REGISTRATION.

a. Mandatory Registration. The Company shall by the 30th business day after the date hereof, file with the SEC an initial Registration Statement on Form F-3 covering the maximum number of Registrable Securities as shall be permitted to be included thereon in accordance with applicable SEC rules, regulations and interpretations so as to permit the resale of such Registrable Securities by the Investor, under Rule 415 under the Securities Act at then prevailing market prices (and not fixed prices) (the "Initial Registration Statement"). The Company shall use its commercially reasonable efforts to have the Initial Registration Statement declared effective by the SEC within 60 business days of the Execution Date and any amendment thereto declared effective by the SEC at the earliest possible date.

b. Rule 424 Prospectus. In addition to the Initial Registration Statement, the Company shall, as required by applicable securities regulations, from time to time file with the SEC, pursuant to Rule 424 promulgated under the Securities Act, such prospectuses and prospectus supplements, if any, to be used in connection with sales of the Registrable Securities under each Registration Statement. The Investor and its counsel shall have a reasonable opportunity to review and comment upon such prospectuses prior to its filing with the SEC, and the Company shall give due consideration to all such comments. The Investor shall use its reasonable best efforts to comment upon any prospectus within two business days from the date the Investor receives the final pre-filing version of such prospectus.

c. Sufficient Number of Shares Registered. In the event the number of shares available under the Initial Registration Statement is insufficient to cover all of the Registrable Securities (which the Commitment Shares shall be registered to prior to the Put Shares), the Company shall amend the Initial Registration Statement or file a new Registration Statement (a "New Registration Statement"), so as to cover all of such Registrable Securities (subject to the limitations set forth in Section 2(e)), as soon as practicable, but in any event not later than 20 business days after the necessity therefor arises, subject to any limits that may be imposed by the SEC pursuant to Rule 415 under the Securities Act. The Company shall use its commercially reasonable efforts to cause such amendment and/or New Registration Statement to become effective as soon as practicable following the filing thereof.

d. Effectiveness. The Investor and its counsel shall have a reasonable opportunity to review and comment upon any Registration Statement and any amendment or supplement to such Registration Statement and any related prospectus prior to its filing with the SEC, and the Company shall give due consideration to all reasonable comments. The Investor shall furnish all information reasonably requested by the Company for inclusion therein. The Company shall use commercially reasonable efforts to keep all Registration Statements effective, including, but not limited to, pursuant to Rule 415 promulgated under the Securities Act and available for the resale by the Investor of all of the Registrable Securities covered thereby at all times until the earlier of (i) the date as of which the Investor may sell all of the Registrable Securities without restriction pursuant to Rule 144 promulgated under the Securities Act without any restrictions (including any restrictions under Rule 144(c) or Rule 144(i)) and (ii) the date on which the Investor shall have sold all the Registrable Securities covered thereby and no Put Shares remain issuable under the Purchase Agreement (the "Registration Period"). In the event that any Registration Statement filed hereunder is no longer effective and Rule 144 is available for sales of the Registrable Securities, the Investor shall provide an opinion to the Company that the Investor may sell any such Registrable Securities held by the Investor pursuant to Rule 144 with all costs related to such opinion to be borne by the Investor. Each Registration Statement (including any amendments or supplements thereto and prospectuses contained therein) shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein, or necessary to make the statements therein, in light of the circumstances in which they were made, not misleading.

e. Offering. If the staff of the SEC (the "Staff") or the SEC seeks to characterize any offering pursuant to a Registration Statement filed pursuant to this Agreement as constituting an offering of securities that does not permit such Registration Statement to become or remain effective and be used for resales by the Investor under Rule 415 at then-prevailing market prices (and not fixed prices) by comment letter or otherwise, or if after the filing of the Initial Registration Statement with the SEC pursuant to Section 2(a), the Company is otherwise required by the Staff or the SEC to reduce the number of Registrable Securities included in such initial Registration Statement, then the Company shall reduce the number of Registrable Securities to be included in such Initial Registration Statement (with the prior consent, which shall not be unreasonably withheld, of the Investor and its legal counsel as to the specific Registrable Securities to be removed therefrom) until such time as the Staff and the SEC shall so permit such Registration Statement to become effective and be used as aforesaid. In the event of any reduction in Registrable Securities pursuant to this paragraph, the Company shall file one or more New Registration Statements in accordance with Section 2(c) until such time as all Registrable Securities have been included in Registration Statements that have been declared effective and the prospectus contained therein is available for use by the Investor. Notwithstanding any provision herein or in the Purchase Agreement to the contrary, the Company's obligations to register Registrable Securities (and any related conditions to the Investor's obligations) shall be qualified as necessary to comport with any requirement of the SEC or the Staff as addressed in this Section 2(e).

3. RELATED OBLIGATIONS.

With respect to a Registration Statement and whenever any Registrable Securities are to be Registered pursuant to Section 2, including on any Other Registration Statement, the Company shall use its reasonable best efforts to effect the registration of the Registrable Securities in accordance with the intended method of disposition thereof and, pursuant thereto, the Company shall have the following obligations:

a. The Company shall prepare and file with the SEC such amendments (including post-effective amendments on Form F-3) and supplements to any Registration Statement and any Other Registration Statement and the prospectus used in connection with such Registration Statement and Other Registration Statement, which prospectus is to be filed pursuant to Rule 424 promulgated under the Securities Act, as may be necessary to keep the Registration Statement effective at all times during the Registration Period, and, during such period, comply with the provisions of the Securities Act with respect to the disposition of all Registrable Securities of the Company covered by the Registration Statement or applicable Other Registration Statement until such time as all of such Registrable Securities shall have been disposed of in accordance with the intended methods of disposition by the seller or sellers thereof as set forth in such registration statement.

b. The Company shall permit the Investor to review and comment upon each Registration Statement or any Other Registration Statement and all amendments and supplements thereto at least two business days prior to their filing with the SEC, and not file any document in a form to which Investor reasonably objects. The Investor shall use its reasonable best efforts to comment upon the Registration Statement or any Other Registration Statement and any amendments or supplements thereto within two (2) business days from the date the Investor receives the final version thereof. The Company shall furnish to the Investor, without charge, and within one (1) business day, any comments and/or any other correspondence from the SEC or the Staff to the Company or its representatives relating to the Registration Statement or any Other Registration Statement. The Company shall respond to the SEC or the Staff, as applicable, regarding the resolution of any such comments and/or correspondence as promptly as practicable and in any event within two weeks upon receipt thereof.

c. Upon request of the Investor, the Company shall furnish to the Investor, (i) promptly after the same is prepared and filed with the SEC, at least one copy of such Registration Statement and any amendment(s) thereto, including financial statements and schedules, all documents incorporated therein by reference and all exhibits, (ii) upon the effectiveness of any Registration Statement, a copy of the prospectus included in such Registration Statement and all amendments and supplements thereto (or such other number of copies as the Investor may reasonably request) and (iii) such other documents, including copies of any preliminary or final prospectus, as the Investor may reasonably request from time to time in order to facilitate the disposition of the Registrable Securities owned by the Investor. For the avoidance of doubt, any filing available to the Investor via the SEC's live EDGAR system shall be deemed "furnished to the Investor" hereunder.

d. The Company shall use commercially reasonable efforts to (i) register and qualify the Registrable Securities covered by a Registration Statement under such other securities or "blue sky" laws of Puerto Rico and such other jurisdictions in the United States as the Investor reasonably requests, (ii) prepare and file in those jurisdictions, such amendments (including post-effective amendments) and supplements to such registrations and qualifications as may be necessary to maintain the effectiveness thereof during the Registration Period, (iii) take such other actions as may be necessary to maintain such registrations and qualifications in effect at all times during the Registration Period, and (iv) take all other actions reasonably necessary or advisable to qualify the Registrable Securities for sale in such jurisdictions; provided, however, that the Company shall not be required in connection therewith or as a condition thereto to (x) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(d), (y) subject itself to general taxation in any such jurisdiction, or (z) file a general consent to service of process in any such jurisdiction. The Company shall promptly notify the Investor who holds Registrable Securities of the receipt by the Company of any notification with respect to the suspension of the registration or qualification of any of the Registrable Securities for sale under the securities or "blue sky" laws of any jurisdiction in the United States or its receipt of actual notice of the initiation or threatening of any proceeding for such purpose.

e. As promptly as practicable after becoming aware of such event or facts, the Company shall notify the Investor in writing of the happening of any event or existence of such facts as a result of which the prospectus included in any Registration Statement, as then in effect, includes an untrue statement of a material fact or omits to state a material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading, and promptly prepare a supplement or amendment to such Registration Statement to correct such untrue statement or omission, and deliver a copy of such supplement or amendment to the Investor (or such other number of copies as the Investor may reasonably request). The Company shall also promptly notify the Investor in writing (i) when a prospectus or any prospectus supplement or post-effective amendment has been filed, and when a Registration Statement or any post-effective amendment thereto has become effective (notification of such effectiveness shall be delivered to the Investor by email or facsimile on the same day of such effectiveness and by overnight mail), (ii) of any request by the SEC for amendments or supplements to any Registration Statement or related prospectus or related information, and (iii) of the Company's reasonable determination that a post-effective amendment to a Registration Statement would be appropriate.

f. The Company shall use its commercially reasonable efforts to prevent the issuance of any stop order or other suspension of effectiveness of any registration statement, or the suspension of the qualification of any Registrable Securities for sale in any jurisdiction and, if such an order or suspension is issued, to obtain the withdrawal of such order or suspension at the earliest possible moment and to notify the Investor of the issuance of such order and the resolution thereof or its receipt of actual notice of the initiation or threat of any proceeding for such purpose. In addition, if the Company shall receive any comment letter from the SEC relating to any Registration Statement under which Registrable Securities are Registered, the Company shall notify the Investor of the issuance of such order and use its commercially reasonable efforts to address such comments in a manner satisfactory to the SEC.

g. The Company shall (i) cause all the Registrable Securities to be listed on each securities exchange on which securities of the same class or series issued by the Company are then listed, if any, if the listing of such Registrable Securities is then permitted under the rules of such exchange, or (ii) secure designation and quotation of all the Registrable Securities on the Principal Market. The Company shall pay all fees and expenses in connection with satisfying its obligation under this Section.

h. The Company shall cooperate with the Investor to facilitate the timely preparation and delivery of DWAC Shares representing the Registrable Securities to be offered pursuant to any Registration Statement. "DWAC Shares" means shares of Common Stock that are (i) issued in electronic form, (ii) freely tradable and transferable and without restriction on resale and (iii) timely credited by the Company to the Investor's or its designee's specified DWAC account with The Depository Trust Company ("DTC") under the DTC/FAST Program, or any similar program hereafter adopted by DTC performing substantially the same function.

i. The Company shall at all times provide a transfer agent and registrar with respect to its Common Stock.

J. If reasonably requested by the Investor, the Company shall (i) immediately incorporate in a prospectus supplement or post-effective amendment such information as the Investor believes should be included therein relating to the sale and distribution of Registrable Securities, including, without limitation, information with respect to the number of Registrable Securities being sold; the purchase price being paid therefor and any other terms of the offering of the Registrable Securities; (ii) make all required filings of such prospectus supplement or post-effective amendment as soon as practicable upon notification of the matters to be incorporated in such prospectus supplement or post-effective amendment; and (iii) supplement or make amendments to any Registration Statement.

k. The Company shall use its commercially reasonable efforts to cause the Registrable Securities covered by any Registration Statement to be registered with or approved by such other governmental agencies or authorities as may be necessary to consummate the disposition of such Registrable Securities.

1. The Company shall take all other reasonable actions necessary to expedite and facilitate disposition by the Investor of Registrable Securities pursuant to any Registration Statement.

4. OBLIGATIONS OF THE INVESTOR.

a. The Company shall notify the Investor in writing of the information the Company reasonably requires from the Investor in connection with any Registration Statement hereunder. The Investor shall furnish to the Company such information regarding itself, the Registrable Securities held by it and the intended method of disposition of the Registrable Securities held by it as shall be reasonably required to effect the registration of such Registrable Securities and shall execute such documents in connection with such registration as the Company may reasonably request. Notwithstanding the foregoing, the Registration Statement shall contain the "Selling Stockholder" and "Plan of Distribution" sections, each in substantially the form provided to the Company by the Investor.

b. The Investor agrees to cooperate with the Company as reasonably requested by the Company in connection with the preparation and filing of any Registration Statement hereunder.

c. The Investor agrees that, upon receipt of any notice from the Company of the happening of any event or existence of facts of the kind described in Section 3(f) or the first sentence of Section 3(e), the Investor will immediately discontinue disposition of Registrable Securities pursuant to any Registration Statement(s) covering such Registrable Securities until withdrawal of a stop order contemplated by Section 3(f) or the Investor's receipt of the copies of the supplemented or amended prospectus contemplated by Section 3(e). Notwithstanding anything to the contrary, the Company shall cause its transfer agent to promptly issue DWAC Shares in accordance with the terms of the Purchase Agreement in connection with any sale of Registrable Securities with respect to which an Investor has entered into a contract for sale prior to the Investor's receipt of a notice from the Company of the happening of any event of the kind described in Section 3(f) or the first sentence of Section 3(e), and for which the Investor has not yet settled.

5. EXPENSES OF REGISTRATION.

All reasonable expenses, other than sales or brokerage commissions, incurred in connection with registrations, filings or qualifications pursuant to Sections 2 and 3, including, without limitation, all registration, listing and qualifications fees, printers and accounting fees, and fees and disbursements of counsel for the Company, shall be paid by the Company.

6. INDEMNIFICATION.

a. To the fullest extent permitted by law, the Company will, and hereby does, indemnify, hold harmless and defend the Investor, each Person, if any, who controls or is under common control with the Investor, the members, the directors, officers, partners of the Investor and each Person, if any, who is an "affiliate" of the Investor within the meaning of the Securities Act or the Securities Exchange Act of 1934, as amended (the "Exchange Act") (each, an "Indemnified Person"), against any losses, claims, damages, liabilities, judgments, fines, penalties, charges, costs, attorneys' fees, amounts paid in settlement or expenses, joint or several, (collectively, "Claims") incurred in investigating, preparing or defending any action, claim, suit, inquiry, proceeding, investigation or appeal taken from the foregoing by or before any court or governmental, administrative or other regulatory agency, body or the SEC, whether pending or threatened, whether or not an Indemnified Person is or may be a party thereto ("Indemnified Damages"), to which any of them may become subject insofar as such Claims (or actions or proceedings, whether commenced or threatened, in respect thereof) arise out of or are based upon: (i) any untrue statement or alleged untrue statement of a material fact in a Registration Statement, any Other Registration Statement or any post-effective amendment thereto or in any filing made in connection with the qualification of the offering under the securities or other "blue sky" laws of any jurisdiction in which Registrable Securities are offered ("Blue Sky Filing"), or the omission or alleged omission to state a material fact required to be stated therein or necessary to make the statements therein not misleading, (ii) any untrue statement or alleged untrue statement of a material fact contained in the final prospectus (as amended or supplemented, if the Company files any amendment thereof or supplement thereto with the SEC) or the omission or alleged omission to state therein any material fact necessary to make the statements made therein, in light of the circumstances under which the statements therein were made, not misleading, (iii) any violation or alleged violation by the Company of the Securities Act, the Exchange Act, any other law, including, without limitation, any state securities law, or any rule or regulation thereunder relating to the offer or sale of the Registrable Securities pursuant to a Registration Statement or any Other Registration Statement or (iv) any material violation by the Company of this Agreement (the matters in the foregoing clauses (i) through (iv) being, collectively, "Violations"). The Company shall reimburse each Indemnified Person promptly as such expenses are incurred and are due and payable, for any reasonable legal fees or other reasonable expenses incurred by them in connection with investigating or defending any such Claim. Notwithstanding anything to the contrary contained herein, the indemnification agreement contained in this Section 6(a): (i) shall not apply to a Claim by an Indemnified Person arising out of or based upon a Violation which occurs in reliance upon and in conformity with information about the Investor furnished in writing to the Company by such Indemnified Person expressly for use in connection with the preparation of a Registration Statement, any Other Registration Statement or any such amendment thereof or supplement thereto, if such prospectus was timely made available by the Company pursuant to Section 3(c) or Section 3(e); (ii) with respect to any superseded prospectus, shall not inure to the benefit of any such person from whom the person asserting any such Claim purchased the Registrable Securities that are the subject thereof (or to the benefit of any person controlling such person) if the untrue statement or omission of material fact contained in the superseded prospectus was corrected in the revised prospectus, as then amended or supplemented, if such revised prospectus was timely made available by the Company pursuant to Section 3(c) or Section 3(e), and the Indemnified Person was promptly advised in writing not to use the incorrect prospectus prior to the use giving rise to a violation and such Indemnified Person, notwithstanding such advice, used it; (iii) shall not be available to the extent such Claim is based on a failure of the Investor to deliver or to cause to be delivered the prospectus made available by the Company, if such prospectus was timely made available by the Company pursuant to Section 3(c) or Section 3(e); and (iv) shall not apply to amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of the Company, which consent shall not be unreasonably withheld. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of the Indemnified Person and shall survive the transfer of the Registrable Securities by the Investor pursuant to Section 9. Notwithstanding anything to the contrary, this Section 6 shall be deemed to provide the Company with reciprocal Indemnification rights.

b. Promptly after receipt by an Indemnified Person under this Section 6 of notice of the commencement of any action or proceeding (including any governmental action or proceeding) involving a Claim, such Indemnified Person shall, if a Claim in respect thereof is to be made against the Company under this Section 6, deliver to the Company a written notice of the commencement thereof, and the Company shall have the right to participate in, and, to the extent the Company so desires, to assume control of the defense thereof with counsel mutually satisfactory to the Company and to the Indemnified Person; provided, however, that an Indemnified Person shall have the right to retain its own counsel with the fees and expenses to be paid by the Company, if, in the reasonable opinion of counsel retained by the Company, the representation by such counsel of the Indemnified Person and the Company would be inappropriate due to actual or potential differing interests between such Indemnified Person and any other party represented by such counsel in such proceeding. The Indemnified Person shall cooperate fully with the Company in connection with any negotiation or defense of any such action or Claim by the Company and shall furnish to the Company all information reasonably available to the Indemnified Person which relates to such action or Claim. The indemnifying party shall keep the Indemnified Person fully apprised at all times as to the status of the defense or any settlement negotiations with respect thereto. The Company shall not be liable for any settlement of any action, Claim or proceeding effectuated without its written consent, provided, however, that the Company shall not unreasonably withhold, delay or condition its consent. The Company shall not, without the consent of the Indemnified Person, consent to entry of any judgment or enter into any settlement or other compromise which does not include as an unconditional term thereof the giving by the claimant or plaintiff to such Indemnified Person of a release from all liability in respect to such Claim or litigation. Following indemnification as provided for hereunder, the Company shall be subrogated to all rights of the Indemnified Person with respect to all third parties, firms or corporations relating to the matter for which indemnification has been made. The failure to deliver written notice to the Company within a reasonable time of the commencement of any such action shall not relieve the Company of any liability to the Indemnified Person under this Section 6, except to the extent that the Company is prejudiced in its ability to defend such action.

Exhibit C-7

c. The indemnification required by this Section 6 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or Indemnified Damages are incurred.

d. The indemnity agreements contained herein shall be in addition to (i) any cause of action or similar right of the Indemnified Person against the Company or others, and (ii) any liabilities the Company may be subject to pursuant to the law.

7. CONTRIBUTION.

To the extent any indemnification by the Company is prohibited or limited by law, the Company agrees to make the maximum contribution with respect to any amounts for which it would otherwise be liable under Section 6 to the fullest extent permitted by law.

8. REPORTS AND DISCLOSURE UNDER THE SECURITIES ACTS.

With a view to making available to the Investor the benefits of Rule 144 promulgated under the Securities Act or any other similar rule or regulation of the SEC that may at any time permit the Investor to sell securities of the Company to the public without registration ("Rule 144"), the Company agrees, at the Company's sole expense, to:

a. make and keep "current public information" available, as such term is understood and defined in Rule 144;

b. file with the SEC in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act;

c. furnish to the Investor so long as the Investor owns Registrable Securities, promptly upon request, (i) a written statement by the Company that it has complied with the reporting and or disclosure provisions of Rule 144, the Securities Act and the Exchange Act, (ii) a copy of the most recent annual or quarterly report of the Company and such other reports and documents so filed by the Company, and (iii) such other information as may be reasonably requested to permit the Investor to sell such securities pursuant to Rule 144 without registration; and

d. take such additional action as is requested by the Investor to enable the Investor to sell the Registrable Securities pursuant to Rule 144, including, without limitation, delivering all such legal opinions, consents, certificates, resolutions and instructions to the Company's transfer agent as may be requested from time to time by the Investor at the Company's expense and otherwise fully cooperate with Investor and Investor's broker to effect such sale of securities pursuant to Rule 144.

The Company agrees that damages may be an inadequate remedy for any breach of the terms and provisions of this Section 8 and that Investor shall, whether or not it is pursuing any remedies at law, be entitled to equitable relief in the form of a preliminary or permanent injunctions, without having to post any bond or other security, upon any breach or threatened breach of any such terms or provisions.

9. ASSIGNMENT OF REGISTRATION RIGHTS.

The Company shall not assign this Agreement or any rights or obligations hereunder without the prior written consent of the Buyer, or any Investor as assignee pursuant to this Section 9. The Buyer, or any Investor, may not assign its rights under this Agreement without the written consent of the Company other than to an affiliate of such Investor.

10. AMENDMENT OF REGISTRATION RIGHTS.

No provision of this Agreement may be (i) amended other than by a written instrument signed by both parties hereto or (ii) waived other than in a written instrument signed by the party against whom enforcement of such waiver is sought. Failure of any party to exercise any right or remedy under this Agreement or otherwise, or delay by a party in exercising such right or remedy, shall not operate as a waiver thereof.

11. MISCELLANEOUS.

a. A Person is deemed to be a holder of Registrable Securities whenever such Person owns or is deemed to own of record such Registrable Securities. If the Company receives conflicting instructions, notices or elections from two or more Persons with respect to the same Registrable Securities, the Company shall act upon the basis of instructions, notice or election received from the registered owner of such Registrable Securities.

b. Any notices, consents, waivers or other communications required or permitted to be given under the terms of this Agreement must be in writing and will be deemed to have been delivered: (i) upon receipt, when delivered personally; (ii) upon receipt, when sent by email (provided confirmation of transmission is mechanically or electronically generated and kept on file by the sending party); or (iii) one business day after deposit with a nationally recognized overnight delivery service, in each case properly addressed to the party to receive the same. The addresses for such communications shall be:

If to the Company:

Molecular Data Inc.
Floor 11, Building 15, No. 2177 Shengkun Road,
Shanghai, People's Republic of China, 201106
Attention: Steven Foo, Chief Financial Officer
Email: steven.foo@molbase.com

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If to the Investor:

Oasis Capital, LLC
208 Ponce de Leon Ave, Suite 1600
San Juan, PR 00918
E-mail: investments@oasis-cap.com
Attention: Adam Long, Managing Partner
Phone: 816.960.0100

with a copy to (that shall not constitute notice)

Nason Yeager Gerson Harris & Fumero, P.A.
3001 PGA Blvd., Suite 305
Palm Beach Gardens, FL 33410
E-mail: bbernstein@nasonyeager.com
Attention: Brian Bernstein, Esq.

or at such other address and/or email address and/or to the attention of such other person as the recipient party has specified by written notice given to each other party three (3) business days prior to the effectiveness of such change. Written confirmation of receipt (A) given by the recipient of such notice, consent, waiver or other communication, (B) mechanically or electronically generated by the sender's email account containing the time, date, recipient email address, as applicable, and an image of the first page of such transmission or (C) provided by a nationally recognized overnight delivery service, shall be rebuttable evidence of personal service, receipt by email or receipt from a nationally recognized overnight delivery service in accordance with clause (i), (ii) or (iii) above, respectively.

c. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed in accordance with the Purchase Agreement.

d. Any disputes, claims, or controversies hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein shall be referred to and resolved solely and exclusively as provided for under the Purchase Agreement.

e. If any provision of this Agreement shall be invalid or unenforceable in any jurisdiction, such invalidity or unenforceability shall not affect the validity or enforceability of the remainder of this Agreement in that jurisdiction or the validity or enforceability of any provision of this Agreement in any other jurisdiction.

f. EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION HEREWITH OR ARISING OUT OF THIS AGREEMENT OR ANY TRANSACTION CONTEMPLATED HEREBY.

g. This Agreement and the Purchase Agreement constitute the entire agreement among the parties hereto with respect to the subject matter hereof and thereof. There are no restrictions, promises, warranties or undertakings, other than those set forth or referred to herein and therein. This Agreement and the Purchase Agreement supersede all prior agreements and understandings among the parties hereto with respect to the subject matter hereof and thereof.

h. Subject to the requirements of Section 9, this Agreement shall inure to the benefit of and be binding upon the successors and permitted assigns of each of the parties hereto.

i. The headings in this Agreement are for convenience of reference only and shall not limit or otherwise affect the meaning hereof

j. This Agreement may be executed in identical counterparts, each of which shall be deemed an original but all of which shall constitute one and the same agreement. This Agreement, once executed by a party, may be delivered to the other party hereto by facsimile transmission or by e-mail in a ".pdf" format data file of a copy of this Agreement bearing the signature of the party so delivering this Agreement.

k. Each party shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as the other party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

l. The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent and no rules of strict construction will be applied against any party.

m. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person.

Exhibit C-11

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed as of the Execution Date.

THE COMPANY:

MOLECULAR DATA INC.

By:

Name: Dongliang Chang

Title: Chairman of Board of Directors

BUYER:

OASIS CAPITAL, LLC

By:

Name: Adam Long

Title: Managing Partner

Exhibit C-12

Exhibit C-41

DISCLOSURE SCHEDULES

Disclosure Schedules

Exhibit C-42

Our ref RDS/752906-000001/19422315v2

Molecular Data Inc.
11/F, Building 15, 2177 Shenkun Road
Minhang District, Shanghai 201106
People's Republic of China

20 May 2021

Molecular Data Inc.

We have acted as Cayman Islands legal advisers to Molecular Data Inc. (the "**Company**") in connection with the Company's registration statement on Form F-3, including all amendments or supplements thereto (the "**Registration Statement**"), filed with the Securities and Exchange Commission under the U.S. Securities Act of 1933, as amended, to date relating to the offering by the Company (the "**Offering**") of certain American depositary shares (the "**ADSs**") representing the Company's Class A ordinary shares of par value US\$0.00005 each (the "**Shares**").

We are furnishing this opinion as Exhibits 5.1, 8.1 and 23.2 to the Registration Statement.

1 Documents Reviewed

For the purposes of this opinion letter, we have reviewed only originals, copies or final drafts of the following documents:

- 1.1 The certificate of incorporation of the Company dated 28 February 2018.
 - 1.2 The amended and restated memorandum and articles of association of the Company as conditionally adopted by a special resolution passed on 8 October 2019 and effective immediately prior to the completion of the Company's initial public offering of the ADSs representing the Shares (the "**Memorandum and Articles**").
 - 1.3 The written resolutions of the board of directors of the Company dated 19 May 2021 (the "**Directors Resolutions**").
 - 1.4 A certificate from a director of the Company, a copy of which is attached to this opinion letter (the "**Director's Certificate**").
 - 1.5 A certificate of good standing with respect to the Company issued by the Registrar of Companies dated 2 March 2021 (the "**Certificate of Good Standing**").
 - 1.6 The Registration Statement.
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2 Assumptions

The following opinions are given only as to, and based on, circumstances and matters of fact existing and known to us on the date of this opinion letter. These opinions only relate to the laws of the Cayman Islands which are in force on the date of this opinion letter. In giving these opinions we have relied (without further verification) upon the completeness and accuracy, as of the date of this opinion letter, of the Director's Certificate and the Certificate of Good Standing. We have also relied upon the following assumptions, which we have not independently verified:

- 2.1 Copies of documents, conformed copies or drafts of documents provided to us are true and complete copies of, or in the final forms of, the originals.
- 2.2 All signatures, initials and seals are genuine.
- 2.3 There is nothing under any law (other than the law of the Cayman Islands), which would or might affect the opinions set out below.

3 Opinion

Based upon the foregoing and subject to the qualifications set out below and having regard to such legal considerations as we deem relevant, we are of the opinion that:

- 3.1 The Company has been duly incorporated as an exempted company with limited liability and is validly existing and in good standing with the Registrar of Companies under the laws of the Cayman Islands.
- 3.2 The authorised share capital of the Company is US\$50,000 divided into 1,000,000,000 shares comprising (i) 550,000,000 Class A Ordinary Shares of a par value of US\$0.00005 each, (ii) 350,000,000 Class B Ordinary Shares of a par value of US\$0.00005 each, and (iii) 100,000,000 shares of a par value of US\$0.00005 each of such class or classes (however designated) as the board of directors of the Company may determine in accordance with the Memorandum and Articles.
- 3.3 The issue and allotment of the Shares have been duly authorised and when allotted, issued and paid for as contemplated in the Registration Statement, the Shares will be legally issued and allotted, fully paid and non-assessable. As a matter of Cayman law, a share is only issued when it has been entered in the register of members (shareholders).
- 3.4 The statements under the caption "Taxation" in the prospectus forming part of the Registration Statement, to the extent that they constitute statements of Cayman Islands law, are accurate in all material respects and that such statements constitute our opinion.

4 Qualifications

The opinions expressed above are subject to the following qualifications:

- 4.1 To maintain the Company in good standing with the Registrar of Companies under the laws of the Cayman Islands, annual filing fees must be paid and returns made to the Registrar of Companies within the time frame prescribed by law.

- 4.2 Under the Companies Act (As Revised) of the Cayman Islands (the "**Companies Act**"), the register of members of a Cayman Islands company is by statute regarded as prima facie evidence of any matters which the Companies Act directs or authorises to be inserted therein. A third party interest in the shares in question would not appear. An entry in the register of members may yield to a court order for rectification (for example, in the event of fraud or manifest error).
- 4.3 In this opinion the phrase "non-assessable" means, with respect to the issuance of shares, that a shareholder shall not, in respect of the relevant shares and in the absence of a contractual arrangement, or an obligation pursuant to the memorandum and articles of association, to the contrary, have any obligation to make further contributions to the Company's assets (except in exceptional circumstances, such as involving fraud, the establishment of an agency relationship or an illegal or improper purpose or other circumstances in which a court may be prepared to pierce or lift the corporate veil).

We express no view as to the commercial terms of the Offering or the Registration Statement or whether such terms represent the intentions of the parties and make no comment with regard to warranties or representations that may be made by the Company.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement and to the reference to our name under the headings "Enforceability of Civil Liabilities", "Taxation" and "Legal Matters" and elsewhere in the prospectus included in the Registration Statement. In giving such consent, we do not thereby admit that we come within the category of persons whose consent is required under Section 7 of the U.S. Securities Act of 1933, as amended, or the Rules and Regulations of the Commission thereunder.

Yours faithfully

/s/ Maples and Calder (Hong Kong) LLP

Director's Certificate



May 20, 2021

To:**Molecular Data Inc.**

5/F, Building 12, 1001 North Qinzhou Road
Xuhui District, Shanghai 201109
People's Republic of China

Dear Sir/Madam:

1. We are qualified lawyers of the People's Republic of China (the "PRC" or "China") and are qualified to issue opinions on the PRC Laws (the "Opinion"). For the purpose of this Opinion, the PRC shall not include the Hong Kong Special Administrative Region, the Macao Special Administrative Region and Taiwan.
2. We act as PRC counsel for Molecular Data Inc. (the "Company") in connection with the Registration Statement of the Company on Form F-3, including all amendments or supplements thereto (the "Registration Statement"), filed with the U.S. Securities and Exchange Commission (the "SEC") under the U.S. Securities Act of 1933, as amended (the "Securities Act"). We have been requested to give this Opinion on the matters set forth herein.
3. The following terms as used in this Opinion are defined as follows:

"Governmental Agency" means any competent government authority, court, arbitration commission, or regulatory body of the PRC. "Governmental Agencies" shall be construed accordingly.

"PRC Laws" means any and all laws, regulations and rules currently in force and publicly available in the PRC as of the date hereof.
4. This Opinion relates only to the PRC Laws and we express no opinion as to any other laws and regulations. We have made no investigation of, and do not express or imply any views on, the laws of any jurisdiction other than the PRC. There is no guarantee that any of the PRC Laws, or the interpretation thereof or enforcement therefor, will not be changed, amended or replaced in the immediate future or in the longer term with or without retrospective effect.
5. Our opinion is subject to the effects of (a) certain legal or statutory principles affecting the enforceability of contractual rights generally under the concepts of public interest, social ethics, national security, good faith, fair dealing, and applicable statutes of limitation; (b) any circumstance in connection with formulation, execution or performance of any legal documents that would be deemed materially mistaken, clearly unconscionable, fraudulent, coercive or concealing illegal intentions with a lawful form; (c) judicial discretion with respect to the availability of specific performance, injunctive relief, remedies or defenses, calculation of damages, entitlement to attorney's fees and other costs, or waiver of immunity from jurisdiction of any court or from legal process; (d) applicable bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability relating to or affecting creditors' rights generally; and (e) the discretion of any competent PRC legislative, administrative or judicial bodies in exercising their authority in the PRC.

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6. This opinion is issued based on our understanding of the current PRC Laws. For matters not explicitly provided under the current PRC Laws, the interpretation, implementation and application of the specific requirements under the PRC Laws are subject to the final discretion of competent PRC legislative, administrative and judicial authorities, and there can be no assurance that the Governmental Agencies will ultimately take a view that is not contrary to our opinion stated above.
7. We may rely, as to matters of fact (but not as to legal conclusions), to the extent we deem proper, on certificates and confirmations of responsible officers of the Company and PRC government officials.
8. Based on the foregoing and subject to the disclosures contained in the Registration Statement and the qualifications set out above, we are of the opinion that, as of the date hereof, so far as PRC Laws are concerned:
 - (1) There is uncertainty as to whether the courts of the PRC would: (i) recognize or enforce judgments of United States courts obtained against the Company or directors or officers of the Company predicated upon the civil liability provisions of the securities laws of the United States or any state in the United States; or (ii) entertain original actions brought in each respective jurisdiction against the Company or directors or officers of the Company predicated upon the securities laws of the United States or any state in the United States.

The recognition and enforcement of foreign judgments are provided for under the PRC Civil Procedures Law. PRC courts may recognize and enforce foreign judgments in accordance with the requirements of the PRC Civil Procedures Law and other applicable laws and regulations based either on treaties between China and the country where the judgment is made or on principles of reciprocity between jurisdictions. China does not have any treaties or other form of reciprocity with the United States or the Cayman Islands that provide for the reciprocal recognition and enforcement of foreign judgments. In addition, according to the PRC Civil Procedures Law, courts in the PRC will not enforce a foreign judgment against a company or its directors and officers if they decide that the judgment violates the basic principles of PRC law or national sovereignty, security, or public interest.

- (2) The statements in the Registration Statement under the caption “Enforceability of Civil Liabilities”, to the extent such statements relate to matters of the PRC Laws, are accurate in all material respects, and fairly present and fairly summarize in all material respects the PRC Laws referred to therein, and nothing has been omitted from such statements which would make the statements, in light of the circumstance under which they were made, misleading in any material aspect.
 - (3) The statements of law and legal conclusions in the Registration Statement under the caption “Taxation”, to the extent that the discussion states definitive legal conclusions under PRC tax laws and regulations, constitute our opinion on such matters.
9. This Opinion is rendered to you for the purpose hereof only, and save as provided herein, this Opinion shall not be quoted nor shall a copy be given to any person (apart from the addressee) without our express prior written consent and each section should be considered as a whole and no part should be extracted and referred to independently.
 10. We hereby consent to the use of this Opinion in, and the filing hereof as an exhibit to, the Registration Statement, and to the use of our firm’s name under the captions “Enforcement of Civil Liabilities” and “Legal Matters” in the Registration Statement. In giving such consent, we do not thereby admit that we fall within the category of the person whose consent is required under Section 7 of the U.S. Securities Act of 1933, as amended, or the regulations promulgated thereunder.

Yours Sincerely,

Global Law Office

Global Law Office

Consent of Independent Registered Public Accounting Firm

We consent to the reference to our firm under the caption "Experts" in the Registration Statement (Form F-3) and related Prospectus of Molecular Data Inc. for the registration of its Class A ordinary shares and debt securities and to the incorporation by reference therein of our report dated June 30, 2020, with respect to the consolidated financial statements of Molecular Data Inc., included in its Annual Report (Form 20-F) for the year ended December 31, 2020, filed with the Securities and Exchange Commission.

/s/ Ernst & Young Hua Ming LLP
Shanghai, the People's Republic of China
May 20, 2021

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in this Registration Statement on Form F-3 (File No. 333-) of our report dated May 17, 2021 relating to the consolidated balance sheets of Molecular Data Inc. as of December 31, 2020, and the related consolidated statements of comprehensive loss, shareholders' equity (deficit) and cash flows for the year ended December 31, 2020. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ Shandong Haoxin Certified Public Accountants Co., Ltd.

Weifang, the People's Republic of China
May 19, 2021



May 20, 2021

To:**Molecular Data Inc.**

5/F, Building 12, 1001 North Qinzhou Road
 Xuhui District, Shanghai 201109
 People's Republic of China

Dear Sir/Madam:

We hereby consent to the reference of our name under the headings "Enforcement of Civil Liabilities" and "Legal Matters" in Molecular Data Inc.'s Form S-3 Registration Statement (the "Registration Statement"), which will be filed with the Securities and Exchange Commission (the "SEC") on the date hereof. We also consent to the filing of this consent letter with the SEC as an exhibit to the Registration Statement.

In giving such consent, we do not thereby admit that we fall within the category of the person whose consent is required under Section 7 of the U.S. Securities Act of 1933, as amended, or the regulations promulgated thereunder.

Yours Sincerely,

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