

SECURITIES AND EXCHANGE COMMISSION

FORM 424B3

Prospectus filed pursuant to Rule 424(b)(3)

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AST SPACEMOBILE, INC.

141,538,066 SHARES OF CLASS A COMMON STOCK

This prospectus supplement is being filed to update and supplement the information contained in the prospectus dated July 2, 2021 (the “Prospectus”), related to the possible issuance of up to 141,538,066 shares of Class A common stock, par value \$0.0001 per share (the “Class A Common Stock”), of AST SpaceMobile, Inc., a Delaware corporation, in exchange for units of ownership interest (“AST Common Units”) in AST & Science, LLC, a Delaware limited liability company (“AST”), tendered for redemption by one or more of the members of AST, including those who become members of AST upon exercise of AST Incentive Equity Options (as defined below), pursuant to their contractual rights, and including the possible resale from time to time of some or all of such shares of common stocks by the selling stockholders named in the Prospectus, with the information contained in our Current Report on Form 8-K, filed with the Securities and Exchange Commission (“SEC”) on May 6, 2022 (the “Current Report”). Accordingly, we have attached the relevant portions of the Current Report to this prospectus supplement.

This prospectus supplement updates and supplements the information in the Prospectus and is not complete without, and may not be delivered or utilized except in combination with, the Prospectus, including any amendments or supplements thereto. This prospectus supplement should be read in conjunction with the Prospectus and if there is any inconsistency between the information in the Prospectus and this prospectus supplement, you should rely on the information in this prospectus supplement.

Our shares of Class A Common Stock are listed on The Nasdaq Capital Market LLC (“Nasdaq”) under the symbol “ASTS.” On May 10, 2022, the closing sale price per share of our Class A Common Stock was \$6.96.

Investing in shares of our Class A Common Stock involves risks that are described in the “Risk Factors” section beginning on page 5 of the Prospectus.

Neither the SEC nor any state securities commission has approved or disapproved of the securities to be issued under the Prospectus or determined if the Prospectus or this prospectus supplement is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is May 10, 2022.

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

FORM 8-K

**CURRENT REPORT
PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934**

Date of Report (Date of earliest event reported): **May 6, 2022**

AST SpaceMobile, Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)	001-39040 (Commission File Number)	84-2027232 (IRS Employer Identification No.)
Midland Intl. Air & Space Port 2901 Enterprise Lane Midland, Texas (Address of principal executive offices)		79706 (Zip Code)

(432) 276-3966

Registrant's telephone number, including area code

Not Applicable

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Class A common stock, par value \$0.0001 per share	ASTS	The Nasdaq Global Select Market
Warrants exercisable for one share of Class A common stock at an exercise price of \$11.50	ASTSW	The Nasdaq Global Select Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.01 Entry into a Material Definitive Agreement.

On May 6, 2022, AST SpaceMobile, Inc. (the “Company”) entered into a Common Stock Purchase Agreement (the “Purchase Agreement”) and a Registration Rights Agreement (the “Registration Rights Agreement”) with B. Riley Principal Capital, LLC (“B. Riley”). Pursuant to the Purchase Agreement, subject to the satisfaction of the conditions set forth in the Purchase Agreement, the Company will have the right to sell to B. Riley up to the lesser of (i) \$75,000,000 of newly issued shares (the “Shares”) of the Company’s Class A common stock, par value \$0.0001 per share (the “Class A Common Stock”), and (ii) the Exchange Cap (as defined below) (subject to certain conditions and limitations), from time to time during the term of the Purchase Agreement. Sales of Class A Common Stock pursuant to the Purchase Agreement, and the timing of any sales, are solely at the option of the Company, and the Company is under no obligation to sell any securities to B. Riley under the Purchase Agreement.

Upon the satisfaction of the conditions to B. Riley’s purchase obligation set forth in the Purchase Agreement (the “Commencement”), including that a registration statement registering under the Securities Act of 1933, as amended (the “Securities Act”), the resale by B. Riley of shares of Class A Common Stock issued to it by the Company under the Purchase Agreement, which the Company agreed to file with the Securities and Exchange Commission (the “SEC”) pursuant to the Registration Rights Agreement, is declared effective by the SEC and a final prospectus relating thereto is filed with the SEC, the Company will have the right, but not the obligation, from time to time at its sole discretion over the 24-month period from and after the Commencement, to direct B. Riley to purchase a specified maximum amount of shares of Class A Common Stock, not to exceed certain limitations as set forth in the Purchase Agreement (each, a “VWAP Purchase”), by delivering written notice to B. Riley prior to the commencement of trading of the Class A Common Stock on The Nasdaq Global Select Market (“Nasdaq”) on any trading day (the “Purchase Date”), so long as (i) the closing sale price of the Class A Common Stock on the trading day immediately prior to such Purchase Date is not less than as specified threshold price as set forth in the Purchase Agreement and (ii) all shares of Class A Common Stock subject to all prior VWAP Purchases and all prior Intraday VWAP Purchases (as defined below) by B. Riley under the Purchase Agreement have been received by B. Riley prior to the Company’s delivery of such applicable purchase notice to B. Riley.

The purchase price of the shares of Class A Common Stock that the Company elects to sell to B. Riley pursuant to the Purchase Agreement will be determined by reference to the volume weighted average price of the Class A Common Stock (“VWAP”), during the full regular trading hour period on Nasdaq on the applicable Purchase Date, calculated in accordance with the Purchase Agreement, or, if during such regular trading hour period, (i) the trading volume threshold calculated in accordance with the Purchase Agreement is reached or (ii) the trading price of a share of Class A Common Stock on Nasdaq falls below a certain minimum price threshold as chosen in accordance with the Purchase Agreement, then only during the portion of the regular trading hour period on the applicable Purchase Date prior to the time such volume threshold is reached or the time such trading price of a share of Class A Common Stock falls below the minimum price threshold, the precise commencement and ending times of such period determined in accordance with the Purchase Agreement (the “Purchase Valuation Period”), less a fixed 3.0% discount to the VWAP for such Purchase Valuation Period.

In addition to the regular VWAP Purchases described above, after the Commencement, we will also have the right, but not the obligation, subject to the continued satisfaction of the conditions set forth in the Purchase Agreement, to direct B. Riley to purchase, on any trading day, including the same Purchase Date on which a regular VWAP Purchase is effected (as applicable), a specified amount of shares of Class A Common Stock, not to exceed certain limitations set forth in the Purchase Agreement that are similar to those that apply to a regular VWAP Purchase (each, an “Intraday VWAP Purchase”), by the delivery to B. Riley of an irrevocable written purchase notice, after 10:00 a.m., New York City time, and prior to 1:30 p.m., New York City time, on such Purchase Date.

The per share purchase price for the shares of Class A Common Stock that we elect to sell to B. Riley in an Intraday VWAP Purchase pursuant to the Purchase Agreement, if any, will be calculated in the same manner as in the case of a regular VWAP Purchase (including the same fixed percentage discounts to the applicable VWAP as in the case of a regular VWAP Purchase, as described above), provided that the VWAP for each Intraday VWAP Purchase effected on a Purchase Date will be calculated over different Purchase Valuation Periods on such Purchase Date, each of which will commence and end at different times on such Purchase Date.

There is no upper limit on the price per share that B. Riley could be obligated to pay for the Class A Common Stock the Company may elect to sell to it in any VWAP Purchase or any Intraday VWAP Purchase under the Purchase Agreement. The purchase price per share of Class A Common Stock that the Company may elect to sell to B. Riley in a VWAP Purchase and an Intraday VWAP Purchase under the Purchase Agreement will be equitably adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction occurring during the applicable Purchase Valuation Period for such VWAP Purchase or during the applicable Intraday Purchase Valuation Period for such Intraday VWAP Purchase.

From and after Commencement, the Company will control the timing and amount of any sales of Class A Common Stock to B. Riley. Actual sales of shares of Class A Common Stock to B. Riley under the Purchase Agreement will depend on a variety of factors to be determined by the Company from time to time, including, among other things, market conditions, the trading price of the Class A Common Stock and determinations by the Company as to the appropriate sources of funding for the Company and its operations.

Under the applicable rules of Nasdaq, in no event may the Company issue to B. Riley under the Purchase Agreement more than 36,310,037 shares of Class A Common Stock, which number of shares equal to 19.99% of the sum of (i) the shares of Class A Common Stock, (ii) the shares of the Company's Class B common stock, par value \$0.0001 per share and (iii) the shares of the Company's Class C common stock, par value \$0.0001 per share, in each case, issued and outstanding immediately prior to the execution of the Purchase Agreement (the "Exchange Cap"), unless the Company obtains stockholder approval to issue shares of Class A Common Stock in excess of the Exchange Cap in accordance with applicable Nasdaq rules, or (ii) the average price per share paid by B. Riley for all of the shares of Class A Common Stock that we direct B. Riley to purchase from us pursuant to the Purchase Agreement, if any, equals or exceeds the lower of the official closing price of our Class A Common Stock on Nasdaq on May 5, 2022 and the average official closing price of our Class A Common Stock on Nasdaq for the five consecutive trading days ending on May 5, 2022, as adjusted pursuant to applicable Nasdaq rules. Moreover, the Company may not issue or sell any shares of Class A Common Stock to B. Riley under the Purchase Agreement which, when aggregated with all other shares of Class A Common Stock then beneficially owned by B. Riley and its affiliates (as calculated pursuant to Section 13(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and Rule 13d-3 promulgated thereunder), would result in B. Riley beneficially owning more than 4.99% of the outstanding shares of Class A Common Stock.

The net proceeds from sales, if any, under the Purchase Agreement, will depend on the frequency and prices at which the Company sells shares of Class A Common Stock. To the extent the Company sells shares under the Purchase Agreement, the Company currently plans to use any proceeds for general corporate purposes.

There are no restrictions on future financings, rights of first refusal, participation rights, penalties or liquidated damages in the Purchase Agreement or Registration Rights Agreement, except the Company is prohibited (with certain specified exceptions) from effecting or entering into an agreement to effect certain "Variable Rate Transactions" (as defined in the Purchase Agreement), which include issuances of Class A Common Stock or securities exercisable, exchangeable or convertible into Class A Common Stock issued or issuable at a future-determined price or a price that varies or floats based on the market price of the Class A Common Stock, including an "equity line" with a third party, or any similar continuous offering of equity securities of the Company.

B. Riley has agreed not to engage in or effect, directly or indirectly, for its own principal account or for the principal account of any of its affiliates, any short sales of the Class A Common Stock or hedging transaction that establishes a net short position in the Class A Common Stock during the term of the Purchase Agreement.

The Purchase Agreement and the Registration Rights Agreement contain customary representations, warranties, conditions and indemnification obligations of the parties. The representations, warranties and covenants contained in such agreements were made only for the purposes of such agreements, were solely for the benefit of the parties to such agreements and may be subject to limitations agreed upon by the contracting parties.

The Purchase Agreement will automatically terminate on the earliest to occur of (i) the first day of the month next following the 24-month anniversary after the Commencement, (ii) the date on which B. Riley shall have purchased \$75,000,000 of shares of Class A Common Stock from the Company under the Purchase Agreement, (iii) the date on which the Class A Common Stock shall have failed to be listed or quoted on a U.S. national securities exchange for a period of one trading day, (iv) the thirtieth trading day following the date on which the Company commences a voluntary bankruptcy proceeding or any person commences a proceeding against the Company, and (v) the date on which 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. The Company has the right to terminate the Purchase Agreement at any time after Commencement, at no cost or penalty, upon five trading days' prior written notice to B. Riley. The Company and B. Riley may also agree to terminate the Purchase Agreement by mutual written consent, provided that no termination of the Purchase Agreement will be effective during the pendency of any VWAP Purchase that has not then fully settled in accordance with the Purchase Agreement. Neither the Company nor B. Riley may assign or transfer its respective rights and obligations under the Purchase Agreement or the Registration Rights Agreement.

As consideration for its irrevocable commitment to purchase our Class A Common Stock under the Purchase Agreement, we issued to B. Riley 21,969 shares of our Class A Common Stock as initial commitment shares upon execution of the Purchase Agreement and the Registration Rights Agreement. In addition, (i) upon the first VWAP Purchase effected by us pursuant to the Purchase Agreement (if any), we will issue 21,969 additional shares of our Class A Common Stock to B. Riley as additional commitment shares, (ii) upon our receipt of total aggregate gross cash proceeds equal to \$25,000,000 from B. Riley under the Purchase Agreement (if any), we will issue 21,969 additional shares of our Class A Common Stock to B. Riley as additional commitment shares, and (iii) upon our receipt of total

aggregate gross cash proceeds equal to \$50,000,000 from B. Riley under the Purchase Agreement (if any), we will issue an additional 21,969 shares of our Class A Common Stock to B. Riley as additional commitment shares, totaling 65,907 additional commitment shares (in addition to the 21,969 initial commitment shares we issued to B. Riley upon execution of the Purchase Agreement).

The foregoing descriptions of the Purchase Agreement and the Registration Rights Agreement are qualified in their entirety by reference to the full text of the Purchase Agreement and the Registration Rights Agreement, which are attached to this Current Report on Form 8-K as Exhibit 10.1 and Exhibit 10.2, respectively, and each of which is incorporated herein by reference.

This Current Report on Form 8-K shall not constitute an offer to sell or a solicitation of an offer to buy any of the Company's common stock nor shall there be any sale of the Company's common stock in any state or jurisdiction in which such an offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state or other jurisdiction.

Item 3.02 Unregistered Sales of Equity Securities.

The information contained above in Item 1.01 is incorporated by reference into this Item 3.02.

The shares of Class A Common Stock that may be issued under the Purchase Agreement are being offered and sold in a transaction exempt from registration under the Securities Act, in reliance on exemptions provided for under Rule 506(b) and Section 4(a)(2) of the Securities Act. B. Riley has represented to the Company in the Purchase Agreement that it is an institutional "accredited investor," as defined in Rule 501(a) of Regulation D under the Securities Act, and is acquiring such shares under the Purchase Agreement for investment purposes only and not with a view towards the public sale or distribution thereof in violation of applicable U.S. federal securities laws or applicable state securities or "Blue Sky" laws.

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

In connection with the previously announced appointment of Sean Wallace as Executive Vice President and Chief Financial Officer of the Company, effective May 10, 2022, the Company has identified Shanti Gupta, its current principal accounting officer, to serve as acting principal financial officer until Mr. Wallace's start date.

Item 9.01. Financial Statements and Exhibits.

Exhibit No.	Description
10.1	Common Stock Purchase Agreement, dated as of May 6, 2022, between AST SpaceMobile, Inc. and B. Riley Principal Capital, LLC*
10.2	Registration Rights Agreement, dated as of May 6, 2022, between AST SpaceMobile, Inc. and B. Riley Principal Capital, LLC
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

* Certain confidential information contained in this agreement has been omitted because it is both not material and is the type that the registrant treats as private or confidential.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: May 6, 2022

AST SPACEMOBILE, INC.

By: /s/ Shanti Gupta
Name: Shanti Gupta
Title: Chief Accounting Officer

Exhibit 10.1

Execution Version

COMMON STOCK PURCHASE AGREEMENT

Dated as of May 6, 2022

by and between

AST SPACEMOBILE, INC.

and

B. RILEY PRINCIPAL CAPITAL, LLC

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Annex I. Definitions

COMMON STOCK PURCHASE AGREEMENT

This **COMMON STOCK PURCHASE AGREEMENT** is made and entered into as of May 6, 2022 (this “*Agreement*”), by and between B. Riley Principal Capital, LLC, a Delaware limited liability company (the “*Investor*”), and AST SpaceMobile, Inc., a Delaware corporation (the “*Company*”).

RECITALS

WHEREAS, the parties desire that, upon the terms and subject to the conditions and limitations set forth herein, the Company may issue and sell to the Investor, from time to time as provided herein, and the Investor shall purchase from the Company, up to the lesser of (i) \$75,000,000 in aggregate gross purchase price of newly issued shares of the Company's Class A common stock, par value \$0.0001 per share (the "**Common Stock**"), and (ii) the Exchange Cap (to the extent applicable under Section 3.4);

WHEREAS, such sales of Common Stock by the Company to the Investor will be made in reliance upon the provisions of Section 4(a)(2) of the Securities Act ("**Section 4(a)(2)**") and Rule 506(b) of Regulation D promulgated by the Commission under the Securities Act ("**Regulation D**"), and upon such other exemption from the registration requirements of the Securities Act as may be available with respect to any or all of the sales of Common Stock to the Investor to be made hereunder;

WHEREAS, the parties hereto are concurrently entering into a Registration Rights Agreement in the form attached as Exhibit A hereto (the "**Registration Rights Agreement**"), pursuant to which the Company shall register under the Securities Act the resale of the Registrable Securities (as defined in the Registration Rights Agreement) by the Investor, upon the terms and subject to the conditions set forth therein; and

WHEREAS, in consideration for the Investor's execution and delivery of this Agreement, the Company is concurrently causing its transfer agent to issue to the Investor the Initial Commitment Shares pursuant to and in accordance with Section 10.1(ii)(a);

NOW, THEREFORE, the parties hereto, intending to be legally bound, hereby agree as follows:

ARTICLE I DEFINITIONS

Capitalized terms used in this Agreement shall have the meanings ascribed to such terms in Annex I hereto, and hereby made a part hereof, or as otherwise set forth in this Agreement.

ARTICLE II PURCHASE AND SALE OF COMMON STOCK

Section 2.1. Purchase and Sale of Stock. Upon the terms and subject to the conditions of this Agreement, during the Investment Period, the Company, in its sole discretion, shall have the right, but not the obligation, to issue and sell to the Investor, and the Investor shall purchase from the Company, up to the lesser of (i) \$75,000,000 (the "**Total Commitment**") in aggregate gross purchase price of duly authorized, validly issued, fully paid and non-assessable shares of Common Stock and (ii) the Exchange Cap, to the extent applicable under Section 3.4 (such lesser amount of shares of Common Stock, the "**Aggregate Limit**"), by the delivery to the Investor of VWAP Purchase Notices and Intraday VWAP Purchase Notices as provided in Article III.

Section 2.2. Closing Date; Settlement Dates. This Agreement shall become effective and binding (the "**Closing**") upon (a) the delivery of counterpart signature pages of this Agreement and the Registration Rights Agreement executed by each of the parties hereto and thereto, and (b) the delivery of all other documents, instruments and writings required to be delivered at the Closing, in each case as provided in Section 7.1(iv), to the offices of Dorsey & Whitney LLP, 51 West 52nd Street, New York, NY 10019-6119, at 7:00 a.m., New York City time, on the Closing Date. In consideration of and in express reliance upon the representations, warranties and covenants contained in, and upon the terms and subject to the conditions of, this Agreement, during the Investment Period, the Company, at its sole option and discretion, may issue and sell to the Investor, and, if the Company elects to so issue and sell, the Investor shall purchase from the Company, the Shares in respect of each VWAP Purchase and each Intraday VWAP Purchase (as applicable). The delivery of Shares in respect of each VWAP Purchase and each Intraday VWAP Purchase, and the payment for such Shares, shall occur in accordance with Section 3.3.

Section 2.3. Initial Public Announcements and Required Filings. The Company shall, not later than 5:30 p.m., New York City time, on the Trading Day immediately after the date of this Agreement, file with the Commission a Current Report on Form 8-K disclosing the execution of this Agreement and the Registration Rights Agreement by the Company and the Investor and describing the material terms thereof, including, without limitation, the issuance of the Initial Commitment Shares to the Investor in accordance with Section 10.1(ii)(a), and attaching as exhibits thereto copies of each of this Agreement and the Registration Rights Agreement and, if

applicable, any press release issued by the Company disclosing the execution of this Agreement and the Registration Rights Agreement by the Company (including all exhibits thereto, the “**Current Report**”). The Company shall provide the Investor a reasonable opportunity to comment on a draft of the Current Report prior to filing the Current Report with the Commission and shall give due consideration to all such comments. From and after the Commencement Date, the Company shall have publicly disclosed all material, nonpublic information delivered to the Investor (or the Investor’s representatives or agents) by the Company or any of its Subsidiaries, or any of their respective officers, directors, employees, agents or representatives (if any) in connection with the transactions contemplated by the Transaction Documents. The Investor covenants that until such time as the transactions contemplated by this Agreement and the Registration Rights Agreement are publicly disclosed by the Company as described in this Section 2.3, the Investor shall maintain the confidentiality of all disclosures made to it in connection with the transactions contemplated by the Transaction Documents (including the existence and terms of the transactions contemplated thereby), except that the Investor may disclose the terms of such transactions to its financial, accounting, legal and other advisors (provided that the Investor directs such Persons to maintain the confidentiality of such information). Not later than 15 calendar days following the Closing Date, the Company shall file a Form D with respect to the issuance and sale of the Securities in accordance with Regulation D and shall provide a copy thereof to the Investor promptly after such filing. The Company shall use its commercially reasonable efforts to prepare and, as soon as practicable, but in no event later than the applicable Filing Deadline, file with the Commission the Initial Registration Statement and any New Registration Statement covering only the resale by the Investor of the Registrable Securities in accordance with the Securities Act and the Registration Rights Agreement. At or before 8:30 a.m. (New York City time) on the Trading Day immediately following the Effective Date of the Initial Registration Statement and any New Registration Statement (or any post-effective amendment thereto), the Company shall file with the Commission in accordance with Rule 424(b) under the Securities Act the final Prospectus to be used in connection with resales of the Registrable Securities by the Investor pursuant to such Registration Statement (or post-effective amendment thereto).

ARTICLE III PURCHASE TERMS

Subject to the satisfaction of the conditions set forth in Article VII, the parties agree as follows:

Section 3.1. VWAP Purchases. Upon the initial satisfaction of all of the conditions set forth in Section 7.2 (the “**Commencement**” and the date of initial satisfaction of all of such conditions, the “**Commencement Date**”) and from time to time thereafter, subject to the satisfaction of all of the conditions set forth in Section 7.3, the Company shall have the right, but not the obligation, to direct the Investor, by its timely delivery to the Investor of a VWAP Purchase Notice for a VWAP Purchase on the applicable Purchase Date therefor, to purchase a specified VWAP Purchase Share Amount, which shall not exceed the applicable VWAP Purchase Maximum Amount, at the applicable VWAP Purchase Price therefor on such Purchase Date in accordance with this Agreement (each such purchase, a “**VWAP Purchase**”). The Company may timely deliver to the Investor a VWAP Purchase Notice for a VWAP Purchase on any Trading Day selected by the Company as the Purchase Date for such VWAP Purchase, so long as (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding such Purchase Date is not less than the Threshold Price, and (ii) all Shares subject to all prior VWAP Purchases and Intraday VWAP Purchases (as applicable) pursuant to this Agreement have been received by the Investor as DWAC Shares prior to the Company’s delivery to the Investor of such VWAP Purchase Notice for such VWAP Purchase on such Purchase Date. The Investor is obligated to accept each VWAP Purchase Notice prepared and delivered by the Company in accordance with the terms of and subject to the satisfaction of the conditions contained in this Agreement. If the Company delivers any VWAP Purchase Notice directing the Investor to purchase a VWAP Purchase Share Amount in excess of the applicable VWAP Purchase Maximum Amount that the Company is then permitted to include in such VWAP Purchase Notice, such VWAP Purchase Notice shall be void *ab initio* to the extent of the amount by which the VWAP Purchase Share Amount set forth in such VWAP Purchase Notice exceeds such applicable VWAP Purchase Maximum Amount, and the Investor shall have no obligation to purchase, and shall not purchase, such excess Shares pursuant to such VWAP Purchase Notice; provided, however, that the Investor shall remain obligated to purchase the applicable VWAP Purchase Maximum Amount pursuant to such VWAP Purchase. At or prior to 5:30 p.m., New York City time, on the Purchase Date for each VWAP Purchase, the Investor shall provide to the Company a written confirmation for such VWAP Purchase setting forth the applicable VWAP Purchase Price per Share to be paid by the Investor for the Shares purchased by the Investor in such VWAP Purchase, and the total aggregate VWAP Purchase Price to be paid by the Investor for the total VWAP Purchase Share Amount purchased by the Investor in such VWAP Purchase. Notwithstanding the foregoing, the Company shall not deliver any VWAP Purchase Notices to the Investor during the PEA Period.

Section 3.2. Intraday VWAP Purchases. Upon the initial satisfaction of all of the conditions set forth in Section 7.2 on the Commencement Date and from time to time thereafter, subject to the satisfaction of all of the conditions set forth in Section 7.3, in addition to VWAP Purchases as described in Section 3.1, the Company shall also have the right, but not the obligation, to direct the Investor, by its timely delivery to the Investor of an Intraday VWAP Purchase Notice on the applicable Purchase Date therefor, to purchase a specified Intraday VWAP Purchase Share Amount, which shall not exceed the applicable Intraday VWAP Purchase Maximum Amount, at the applicable Intraday VWAP Purchase Price therefor on such Purchase Date in accordance with this Agreement (each such purchase, an “**Intraday VWAP Purchase**”). The Company may timely deliver to the Investor an Intraday VWAP Purchase Notice for an Intraday VWAP Purchase on any Trading Day selected by the Company as the Purchase Date for such Intraday VWAP Purchase, so long as (i) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding such Purchase Date is not less than the Threshold Price, and (ii) all Shares subject to all prior VWAP Purchases and Intraday VWAP Purchases (as applicable) have been received by the Investor as DWAC Shares prior to the Company’s delivery to the Investor of such Intraday VWAP Purchase Notice for such Intraday VWAP Purchase on such Purchase Date. The Investor is obligated to accept each Intraday VWAP Purchase Notice prepared and delivered by the Company in accordance with the terms of and subject to the satisfaction of the conditions contained in this Agreement. If the Company delivers any Intraday VWAP Purchase Notice directing the Investor to purchase an Intraday VWAP Purchase Share Amount in excess of the applicable Intraday VWAP Purchase Maximum Amount that the Company is then permitted to include in such Intraday VWAP Purchase Notice, such Intraday VWAP Purchase Notice shall be void *ab initio* to the extent of the amount by which the Intraday VWAP Purchase Share Amount set forth in such Intraday VWAP Purchase Notice exceeds such applicable Intraday VWAP Purchase Maximum Amount, and the Investor shall have no obligation to purchase, and shall not purchase, such excess Shares pursuant to such Intraday VWAP Purchase Notice; provided, however, that the Investor shall remain obligated to purchase the applicable Intraday VWAP Purchase Maximum Amount pursuant to such Intraday VWAP Purchase. At or prior to 5:30 p.m., New York City time, on the Purchase Date on which one or more Intraday VWAP Purchases shall have occurred, the Investor shall provide to the Company a written confirmation for each such Intraday VWAP Purchase setting forth the applicable Intraday VWAP Purchase Price per Share to be paid by the Investor for the Shares purchased by the Investor in such Intraday VWAP Purchase, and the total aggregate Intraday VWAP Purchase Price to be paid by the Investor for the total Intraday VWAP Purchase Share Amount purchased by the Investor in such Intraday VWAP Purchase. Notwithstanding the foregoing, the Company shall not deliver any Intraday VWAP Purchase Notices to the Investor during the PEA Period.

Section 3.3. Settlement. The Shares constituting the applicable VWAP Purchase Share Amount purchased by the Investor in each VWAP Purchase, and the Shares constituting the applicable Intraday VWAP Purchase Share Amount purchased by the Investor in each Intraday VWAP Purchase (as applicable), in each case shall be delivered to the Investor as DWAC Shares not later than 10:00 a.m., New York City time, on the Trading Day immediately following the Purchase Date for such VWAP Purchase and for each such Intraday VWAP Purchase (as applicable) (the “**Purchase Share Delivery Date**”). For (a) each VWAP Purchase, the Investor shall pay to the Company an amount in cash equal to the product of (1) the total number of Shares purchased by the Investor in such VWAP Purchase and (2) the applicable VWAP Purchase Price for such Shares, as full payment for such Shares purchased by the Investor in such VWAP Purchase, and (b) each Intraday VWAP Purchase, the Investor shall pay to the Company an amount in cash equal to the product of (1) the total number of Shares purchased by the Investor in such Intraday VWAP Purchase and (2) the applicable Intraday VWAP Purchase Price for such Shares, as full payment for such Shares purchased by the Investor in such Intraday VWAP Purchase, in each case via wire transfer of immediately available funds, not later than 5:00 p.m., New York City time, on the Trading Day immediately following the applicable Purchase Share Delivery Date for such VWAP Purchase and for each such Intraday VWAP Purchase (as applicable), provided the Investor shall have timely received, as DWAC Shares, all of such Shares purchased by the Investor in such VWAP Purchase and Intraday VWAP Purchase (as applicable) on such Purchase Share Delivery Date in accordance with the first sentence of this Section 3.3, or, if any of such Shares are received by the Investor after 1:00 p.m., New York City time, then the Company’s receipt of such funds in its designated account may occur on the Trading Day next following the Trading Day on which the Investor shall have received all of such Shares as DWAC Shares, but not later than 5:00 p.m., New York City time, on such next Trading Day. If the Company or its transfer agent shall fail for any reason to deliver to the Investor, as DWAC Shares, any Shares purchased by the Investor in a VWAP Purchase or an Intraday VWAP Purchase prior to 10:00 a.m., New York City time, on the Trading Day immediately following the applicable Purchase Share Delivery Date for such VWAP Purchase and for each such Intraday VWAP Purchase (as applicable), and if on or after such Trading Day the Investor purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Investor of such Shares that the Investor anticipated receiving from the Company on such Purchase Share Delivery Date in respect of such VWAP Purchase or such Intraday VWAP Purchase (as applicable), then the Company shall, within one (1) Trading Day after the Investor’s request, either (i) pay cash to the Investor in an amount equal to the Investor’s total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased (the “**Cover Price**”), at which point the Company’s obligation to deliver such Shares as DWAC Shares shall terminate, or (ii) promptly honor its obligation to deliver to the Investor such Shares as DWAC Shares and pay cash to the Investor in an amount equal to the excess (if any) of the Cover Price over the total purchase price paid by the Investor pursuant to this Agreement for all of the Shares purchased by the Investor in such VWAP Purchase or such Intraday VWAP Purchase (as applicable). The Company shall not issue any fraction of a share of Common Stock to the Investor in connection with any VWAP Purchase or Intraday VWAP Purchase effected pursuant to this Agreement. If the issuance would result in the issuance of a fraction of a share of Common Stock, the Company shall round such fraction of a share of Common Stock up or down to the nearest whole share. All payments to be made by the Investor pursuant to this Agreement shall be made by wire transfer of immediately available

funds to such account as the Company may from time to time designate by written notice to the Investor in accordance with the provisions of this Agreement.

Section 3.4. Compliance with Rules of Trading Market.

(a) **Exchange Cap.** Subject to Section 3.4(b), the Company shall not issue or sell any shares of Common Stock pursuant to this Agreement, and the Investor shall not purchase or acquire any shares of Common Stock pursuant to this Agreement, to the extent that after giving effect thereto, the aggregate number of shares of Common Stock that would be issued pursuant to this Agreement and the transactions contemplated hereby would exceed 36,310,037 shares (such number of shares equal to 19.99% of the sum of: (i) the shares of Common Stock, (ii) the shares of the Class B common stock, par value \$0.0001 per share, of the Company and (iii) the shares of the Class C common stock, par value \$0.0001 per share, of the Company, in each case, issued and outstanding immediately prior to the execution of this Agreement), which number of shares shall be reduced, on a share-for-share basis, by the number of shares of Common Stock issued or issuable pursuant to any transaction or series of transactions that may be aggregated with the transactions contemplated by this Agreement under applicable rules of the Trading Market (such maximum number of shares, the “**Exchange Cap**”), unless the Company’s stockholders have approved the issuance of Common Stock pursuant to this Agreement in excess of the Exchange Cap in accordance with the applicable rules of the Trading Market. For the avoidance of doubt, the Company may, but shall be under no obligation to, request its stockholders to approve the issuance of Common Stock pursuant to this Agreement; provided, that if such stockholder approval is not obtained, the Exchange Cap shall be applicable for all purposes of this Agreement and the transactions contemplated hereby at all times during the term of this Agreement (except as set forth in Section 3.4(b)).

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(b) **At-Market Transaction.** Notwithstanding Section 3.4(a) above, the Exchange Cap shall not be applicable for any purposes of this Agreement and the transactions contemplated hereby, solely to the extent that (and only for so long as) the Average Price shall equal or exceed the Base Price (it being hereby acknowledged and agreed that the Exchange Cap shall be applicable for all purposes of this Agreement and the transactions contemplated hereby at all other times during the term of this Agreement, unless the stockholder approval referred to in Section 3.4(a) is obtained). The parties acknowledge and agree that the Minimum Price used to determine the Base Price hereunder represents the lower of (i) the Nasdaq official closing price of the Common Stock on the Trading Market (as reflected on Nasdaq.com) on the date of this Agreement and (ii) the average Nasdaq official closing price of the Common Stock on the Trading Market (as reflected on Nasdaq.com) for the five (5) consecutive Trading Days ending on the date of this Agreement.

(c) **General.** The Company shall not issue or sell any shares of Common Stock pursuant to this Agreement if such issuance or sale would reasonably be expected to result in (A) a violation of the Securities Act or (B) a breach of the rules of the Trading Market. The provisions of this Section 3.4 shall be implemented in a manner otherwise than in strict conformity with the terms of this Section 3.4 only if necessary to ensure compliance with the Securities Act and the applicable rules of the Trading Market.

Section 3.5. 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 of more than 4.99% of the outstanding shares of Common Stock (the “**Beneficial Ownership Limitation**”). Upon the written request of the Investor, the Company shall promptly (but not later than the next business day on which the Company’s transfer agent is open for business) 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 under this Section 3.5 and the application of this Section 3.5. 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. The provisions of this Section 3.5 shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 3.5 to the extent necessary to properly give effect to the limitations contained in this Section 3.5.

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**ARTICLE IV
REPRESENTATIONS, WARRANTIES AND COVENANTS OF THE INVESTOR**

The Investor hereby makes the following representations, warranties and covenants to the Company:

Section 4.1. Organization and Standing of the Investor. The Investor is a limited liability company duly organized, validly existing and in good standing under the laws of the State of Delaware.

Section 4.2. Authorization and Power. The Investor has the requisite limited liability company power and authority to enter into and perform its obligations under this Agreement and the Registration Rights Agreement and to purchase or acquire the Securities in accordance with the terms hereof. The execution, delivery and performance by the Investor of this Agreement and the Registration Rights Agreement and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary limited liability company action, and no further consent or authorization of the Investor, its officers or its sole member is required. Each of this Agreement and the Registration Rights Agreement has been duly executed and delivered by the Investor and constitutes a valid and binding obligation of the Investor enforceable against it in accordance with its terms, except as such enforceability may be limited by applicable bankruptcy, insolvency, reorganization, moratorium, liquidation, conservatorship, receivership, or similar laws relating to, or affecting generally the enforcement of, creditor's rights and remedies or by other equitable principles of general application (including any limitation of equitable remedies).

Section 4.3. No Conflicts. The execution, delivery and performance by the Investor of this Agreement and the Registration Rights Agreement and the consummation by the Investor of the transactions contemplated hereby and thereby do not and shall not (i) result in a violation of such Investor's certificate of formation, limited liability company agreement or other applicable organizational instruments, (ii) conflict with, constitute a default (or an event which, with notice or lapse of time or both, would become a default) under, or give rise to any rights of termination, amendment, acceleration or cancellation of, any material agreement, mortgage, deed of trust, indenture, note, bond, license, lease agreement, instrument or obligation to which the Investor is a party or is bound, (iii) create or impose any lien, charge or encumbrance on any property of the Investor under any agreement or any commitment to which the Investor is party or under which the Investor is bound or under which any of its properties or assets are bound, or (iv) result in a violation of any federal, state, local or foreign statute, rule, or regulation, or any order, judgment or decree of any Governmental Authority applicable to the Investor or by which any of its properties or assets are bound or affected, except, in the case of clauses (ii), (iii) and (iv), for such conflicts, defaults, terminations, amendments, acceleration, cancellations and violations as would not, individually or in the aggregate, prohibit or otherwise interfere with, in any material respect, the ability of the Investor to enter into and perform its obligations under this Agreement and the Registration Rights Agreement. The Investor is not required under any applicable federal, state or local law, rule or regulation to obtain any consent, authorization or order of, or make any filing or registration with, any Governmental Authority in order for it to execute, deliver or perform any of its obligations under this Agreement and the Registration Rights Agreement or to purchase or acquire the Securities in accordance with the terms hereof; provided, however, that for purposes of the representation made in this sentence, the Investor is assuming and relying upon the accuracy of the relevant representations and warranties and the compliance with the relevant covenants and agreements of the Company in the Transaction Documents to which it is a party.

Section 4.4. Investment Purpose. The Investor is acquiring the Securities for its own account, for investment purposes and not with a view towards, or for resale in connection with, the public sale or distribution thereof, in violation of the Securities Act or any applicable state securities laws; provided, however, that by making the representations herein, the Investor does not agree, or make any representation or warranty, to hold any of the Securities for any minimum or other specific term and reserves the right to dispose of the Securities at any time in accordance with, or pursuant to, a registration statement filed pursuant to the Registration Rights Agreement or an applicable exemption under the Securities Act. The Investor does not presently have any agreement or understanding, directly or indirectly, with any Person to sell or distribute any of the Securities. The Investor is acquiring the Securities hereunder in the ordinary course of its business.

Section 4.5. Accredited Investor Status. The Investor is an "accredited investor" as that term is defined in Rule 501(a) of Regulation D.

Section 4.6. Reliance on Exemptions. The Investor understands that the Securities are being offered and sold to it in reliance on specific exemptions from the registration requirements of U.S. federal and state securities laws and that the Company is relying in part upon the truth and accuracy of, and the Investor's compliance with, the representations, warranties, agreements, acknowledgments and understandings of the Investor set forth herein in order to determine the availability of such exemptions and the eligibility of the Investor to acquire the Securities.

Section 4.7. Information. All materials relating to the business, financial condition, management and operations of the Company and materials relating to the offer and sale of the Securities which have been requested by the Investor have been furnished or otherwise made available to the Investor or its advisors, including, without limitation, the Commission Documents. The Investor understands that its investment in the Securities involves a high degree of risk. The Investor is able to bear the economic risk of an

investment in the Securities and has such knowledge and experience in financial and business matters that it is capable of evaluating the merits and risks of a proposed investment in the Securities. The Investor and its advisors have been afforded the opportunity to ask questions of and receive answers from representatives of the Company concerning the financial condition and business of the Company and other matters relating to an investment in the Securities. Neither such inquiries nor any other due diligence investigations conducted by the Investor or its advisors, if any, or its representatives shall modify, amend or affect the Investor's right to rely on the Company's representations and warranties contained in this Agreement or in any other Transaction Document to which the Company is a party or the Investor's right to rely on any other document or instrument executed and/or delivered in connection with this Agreement or the consummation of the transaction contemplated hereby (including, without limitation, the opinions of the Company's counsel delivered pursuant to Sections 7.1(iv) and 7.2(xvi)). The Investor has sought such accounting, legal and tax advice as it has considered necessary to make an informed investment decision with respect to its acquisition of the Securities. The Investor understands that it (and not the Company) shall be responsible for its own tax liabilities that may arise as a result of this investment or the transactions contemplated by this Agreement.

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Section 4.8. No Governmental Review. The Investor understands that no United States federal or state agency or any other government or Governmental Authority has passed on or made any recommendation or endorsement of the Securities or the fairness or suitability of the investment in the Securities nor have such authorities passed upon or endorsed the merits of the offering of the Securities.

Section 4.9. No General Solicitation. The Investor is not purchasing or acquiring the Securities as a result of any form of general solicitation or general advertising (within the meaning of Regulation D) in connection with the offer or sale of the Securities.

Section 4.10. Not an Affiliate. The Investor is not an officer, director or an Affiliate of the Company. As of the date of this Agreement, the Investor does not beneficially own any shares of Common Stock or securities exercisable for or convertible into shares of Common Stock, other than the Initial Commitment Shares. During the Investment Period, the Investor will not acquire for its own account any shares of Common Stock or securities exercisable for or convertible into shares of Common Stock, other than pursuant to this Agreement; provided, however, that nothing in this Agreement shall prohibit or be deemed to prohibit the Investor from purchasing, in an open market transaction or otherwise, shares of Common Stock necessary to make delivery by the Investor in satisfaction of a sale by the Investor of Shares that the Investor anticipated receiving from the Company in connection with the settlement of a VWAP Purchase or an Intraday VWAP Purchase (as applicable) if the Company or its transfer agent shall have failed for any reason (other than a failure of the Investor or its Broker-Dealer to set up a DWAC and required instructions) to electronically transfer all of the Shares subject to such VWAP Purchase or such Intraday VWAP Purchase (as applicable) to the Investor on the applicable Purchase Share Delivery Date by crediting the Investor's or its designated Broker-Dealer's account at DTC through its DWAC delivery system in compliance with Section 3.3 of this Agreement.

Section 4.11. No Prior Short Sales. At no time prior to the date of this Agreement has the Investor, its sole member, any of their respective officers, or any entity managed or controlled by the Investor or its sole member, engaged in or effected, in any manner whatsoever, directly or indirectly, for its own account or for the account of any of its Affiliates, any (i) "short sale" (as such term is defined in Rule 200 of Regulation SHO of the Exchange Act) of the Common Stock or (ii) hedging transaction, which establishes a net short position with respect to the Common Stock.

Section 4.12. Statutory Underwriter Status. The Investor acknowledges that it will be disclosed as an "underwriter" and a "selling stockholder" in each Registration Statement and in any Prospectus contained therein to the extent required by applicable law and to the extent the Prospectus is related to the resale of Registrable Securities.

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Section 4.13. Resales of Securities. The Investor represents, warrants and covenants that it will resell Securities purchased or acquired by the Investor from the Company pursuant to this Agreement only pursuant to the Registration Statement in which the resale of such Securities is registered under the Securities Act, in a manner described under the caption "Plan of Distribution" in such Registration Statement, and in a manner in compliance with all applicable U.S. federal and applicable state securities laws, rules and regulations.

ARTICLE V REPRESENTATIONS, WARRANTIES AND COVENANTS OF THE COMPANY

Except as set forth in the disclosure schedule delivered by the Company to the Investor (which is hereby incorporated by reference in, and constitutes an integral part of, this Agreement) (the “*Disclosure Schedule*”), the Company hereby makes the following representations, warranties and covenants to the Investor:

Section 5.1. Organization, Good Standing and Power. The Company is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware and has the corporate power and authority to own, lease or operate its assets and properties and to conduct its business as now being conducted in all material respects. The Company is duly licensed or qualified and in good standing (or equivalent status as applicable) in each jurisdiction in which the assets owned or leased by it or the character of its activities require it to be licensed or qualified or in good standing (or equivalent status as applicable), except where the failure to be so licensed or qualified, individually or in the aggregate, has not had and would not reasonably be expected to have a Material Adverse Effect.

Section 5.2. Authorization, Enforcement. The Company has the requisite corporate power and authority to enter into and perform its obligations under each of the Transaction Documents to which it is a party and to issue the Securities in accordance with the terms hereof and thereof. Except for approvals of the Company’s Board of Directors or a committee thereof as may be required in connection with any issuance and sale of Shares to the Investor hereunder (which approvals shall be obtained prior to the delivery of any VWAP Purchase Notice and any Intraday VWAP Purchase Notice), the execution, delivery and performance by the Company of each of the Transaction Documents to which it is a party and the consummation by it of the transactions contemplated hereby and thereby have been duly and validly authorized by all necessary corporate action, and no further consent or authorization of the Company, its Board of Directors or its stockholders is required. Each of the Transaction Documents to which the Company is a party 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, reorganization, moratorium, liquidation, conservatorship, receivership or similar laws relating to, or affecting generally the enforcement of, creditor’s rights and remedies or by other equitable principles of general application (including any limitation of equitable remedies).

Section 5.3. Capitalization. The authorized capital stock of the Company and the shares thereof issued and outstanding were as set forth in the Commission Documents as of the dates reflected therein. All of the outstanding shares of Common Stock have been duly authorized and validly issued, and are fully paid and non-assessable. Except as set forth in the Commission Documents, this Agreement and the Registration Rights Agreement, there are no agreements or arrangements under which the Company is obligated to register the sale of any securities under the Securities Act. Except as set forth in the Commission Documents, no shares of Common Stock are entitled to preemptive rights and there are no outstanding debt securities and no contracts, commitments, understandings, or arrangements by which the Company is or may become bound to issue additional shares of the capital stock of the Company or options, warrants, scrip, rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities or rights convertible into or exchangeable for, any shares of capital stock of the Company other than those issued or granted in the ordinary course of business pursuant to the Company’s equity incentive and/or compensatory plans or arrangements. Except for customary transfer restrictions contained in agreements entered into by the Company to sell restricted securities or as set forth in the Commission Documents, the Company is not a party to, and it has no Knowledge of, any agreement restricting the voting or transfer of any shares of the capital stock of the Company. Except as set forth in the Commission Documents, there are no securities or instruments containing anti-dilution or similar provisions that will be triggered by this Agreement or any of the other Transaction Documents or the consummation of the transactions described herein or therein. The Company has filed with the Commission true and correct copies of the Company’s Second Amended and Restated Certificate of Incorporation as in effect on the Closing Date (the “*Charter*”), and the Company’s Amended and Restated Bylaws as in effect on the Closing Date (the “*Bylaws*”).

Section 5.4. Issuance of Securities. The Commitment Shares have been, and the Shares to be issued under this Agreement have been, or with respect to Shares to be purchased by the Investor pursuant to a particular VWAP Purchase Notice or pursuant to an Intraday VWAP Purchase Notice, will be, prior to the delivery to the Investor hereunder of such VWAP Purchase Notice and prior to the delivery to the Investor hereunder of such Intraday VWAP Purchase Notice (as applicable), duly authorized by all necessary corporate action on the part of the Company. The Commitment Shares, when issued to the Investor in accordance with this Agreement, and the Shares, when issued and sold against payment therefor in accordance with this Agreement, shall be validly issued and outstanding, fully paid and non-assessable and free from all liens, charges, taxes, security interests, encumbrances, rights of first refusal, preemptive or similar rights and other encumbrances with respect to the issue thereof, and the Investor shall be entitled to all rights accorded to a holder of Common Stock. As of the Commencement Date, an aggregate of at least 24,912,000 shares of Common Stock shall have been duly authorized and reserved by the Company for issuance and sale to the Investor as Shares pursuant to VWAP Purchases and Intraday VWAP Purchases under this Agreement, and an aggregate of 65,907 shares of Common Stock shall have been duly authorized and reserved by the Company for issuance to the Investor as Additional Commitment Shares pursuant to this Agreement.

Section 5.5. No Conflicts. The execution, delivery and performance by the Company of each of the Transaction Documents to which it is a party and the consummation by the Company of the transactions contemplated hereby and thereby do not and shall not (i) result in a violation of any provision of the Company's Charter or Bylaws, (ii) result in a breach or violation of any of the terms or provisions of, or constitute a default (or an event which, with notice or lapse of time or both, would become a default) under, or give rise to any rights of termination, amendment, acceleration or cancellation of, any material agreement, mortgage, deed of trust, indenture, note, bond, license, lease agreement, instrument or obligation to which the Company or any of its Subsidiaries is a party or is bound, (iii) create or impose a lien, charge or encumbrance on any property or assets of the Company or any of its Subsidiaries under any agreement or any commitment to which the Company or any of its Subsidiaries is a party or by which the Company or any of its Subsidiaries is bound or to which any of their respective properties or assets is subject, or (iv) result in a violation of any federal, state, local or foreign statute, rule, regulation, order, judgment or decree applicable to the Company or any of its Subsidiaries or by which any property or asset of the Company or any of its Subsidiaries are bound or affected (including federal and state securities laws and regulations and the rules and regulations of the Trading Market or applicable Eligible Market), except, in the case of clauses (ii), (iii) and (iv), for such conflicts, defaults, terminations, amendments, acceleration, cancellations, liens, charges, encumbrances and violations as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. Except as specifically contemplated by this Agreement or the Registration Rights Agreement and as required under the Securities Act and any applicable state securities laws, the Company is not required under any federal, state, local or foreign law, rule or regulation to obtain any consent, authorization or order of, or make any filing or registration with, any Governmental Authority (including, without limitation, the Trading Market) in order for it to execute, deliver or perform any of its obligations under the Transaction Documents to which it is a party, or to issue the Securities to the Investor in accordance with the terms hereof and thereof (other than such consents, authorizations, orders, filings or registrations as have been obtained or made prior to the Closing Date); provided, however, that, for purposes of the representation made in this sentence, the Company is assuming and relying upon the accuracy of the representations and warranties of the Investor in this Agreement and the compliance by it with its covenants and agreements contained in this Agreement and the Registration Rights Agreement.

Section 5.6. Commission Documents, Financial Statements; Disclosure Controls and Procedures; Internal Controls Over Financial Reporting; Accountants.

(a) Since June 1, 2021, the Company has timely filed (giving effect to permissible extensions in accordance with Rule 12b-25 under the Exchange Act) all Commission Documents required to be filed with or furnished to the Commission by the Company under the Securities Act or the Exchange Act, including those required to be filed with or furnished to the Commission under Section 13(a) or Section 15(d) of the Exchange Act. As of the Closing Date, no Subsidiary of the Company is required to file or furnish any report, schedule, registration, form, statement, information or other document with the Commission. As of its filing date (or, if amended or superseded by a filing prior to the Closing Date, as of the date of such amended or superseded filing), each Commission Document filed with or furnished to the Commission prior to the Closing Date complied in all material respects with the requirements of the Securities Act or the Exchange Act, as applicable. Each Registration Statement, on the date it is filed with the Commission, on the date it is declared effective by the Commission, on each Purchase Date, shall comply in all material respects with the requirements of the Securities Act (including, without limitation, Rule 415 under the Securities Act) and shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein not misleading, except that this representation and warranty shall not apply to statements in or omissions from such Registration Statement made in reliance upon and in conformity with information relating to the Investor furnished to the Company in writing by or on behalf of the Investor expressly for use therein. The Prospectus and each Prospectus Supplement required to be filed pursuant to this Agreement or the Registration Rights Agreement after the Closing Date, when taken together, on its date, on each Purchase Date, shall comply in all material respects with the requirements of the Securities Act (including, without limitation, Rule 424(b) under the Securities Act) and shall not contain any untrue statement of a material fact or omit 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, except that this representation and warranty shall not apply to statements in or omissions from the Prospectus or any Prospectus Supplement made in reliance upon and in conformity with information relating to the Investor furnished to the Company in writing by or on behalf of the Investor expressly for use therein. Each Commission Document (other than the Initial Registration Statement or any New Registration Statement, or the Prospectus included therein or any Prospectus Supplement thereto) to be filed with or furnished to the Commission after the Closing Date and filed as part of or incorporated by reference in the Initial Registration Statement or any New Registration Statement, or the Prospectus included therein or any Prospectus Supplement thereto required to be filed pursuant to this Agreement or the Registration Rights Agreement (including, without limitation, the Current Report), when such document is filed with or furnished to the Commission and, if applicable, when such document becomes effective, as the case may be, shall comply in all material respects with the requirements of the Securities Act or the Exchange Act, as applicable. The Company has delivered or made available to the Investor via EDGAR or otherwise true and complete copies of all comment letters and substantive correspondence received by the Company from the Commission relating to the Commission

Documents filed with or furnished to the Commission as of the Closing Date, together with all written responses of the Company thereto in the form such responses were filed via EDGAR. Except as disclosed in the Commission Documents, there are no outstanding or unresolved comments or undertakings in such comment letters received by the Company from the Commission. The Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company under the Securities Act or the Exchange Act.

(b) The consolidated financial statements of the Company included or incorporated by reference in the Commission Documents, together with the related notes and schedules, present fairly, in all material respects, the consolidated financial position of the Company and the Subsidiaries (as defined below) as of the dates indicated and the consolidated results of operations, cash flows and changes in stockholders' equity of the Company and the Subsidiaries for the periods specified (subject, in the case of unaudited statements, to normal year-end audit adjustments which will not be material, either individually or in the aggregate) and have been prepared in compliance with the published requirements of the Securities Act and the Exchange Act, as applicable, and in conformity with generally accepted accounting principles in the United States ("**GAAP**") applied on a consistent basis (except (i) for such adjustments to accounting standards and practices as are noted therein and (ii) in the case of unaudited interim statements, to the extent they may exclude footnotes or may be condensed or summary statements) during the periods involved. The pro forma financial statements or data included or incorporated by reference in the Commission Documents, if any, comply with the requirements of Regulation S-X of the Securities Act, including, without limitation, Article 11 thereof, and the assumptions used in the preparation of such pro forma financial statements and data are reasonable, the pro forma adjustments used therein are appropriate to give effect to the circumstances referred to therein and the pro forma adjustments have been properly applied to the historical amounts in the compilation of those statements and data. The other financial and statistical data with respect to the Company and the Subsidiaries contained or incorporated by reference in the Commission Documents, if any, are accurately and fairly presented and prepared on a basis consistent with the financial statements and books and records of the Company. There are no financial statements (historical or pro forma) that are required to be included or incorporated by reference in the Commission Documents that are not included or incorporated by reference as required. The Company and the Subsidiaries do not have any material liabilities or obligations, direct or contingent (including any off-balance sheet obligations or any "variable interest entities" as that term is used in Accounting Standards Codification Paragraph 810-10-25-20), not described in Commission Documents which are required to be described in the Commission Documents. All disclosures contained or incorporated by reference in the Commission Documents, if any, regarding "non-GAAP financial measures" (as such term is defined by the rules and regulations of the Commission) comply in all material respects with Regulation G of the Exchange Act and Item 10 of Regulation S-K under the Securities Act, to the extent applicable.

(c) Except as set forth in the Commission Documents, the Company maintains a system of internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management's general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company is not aware of any material weaknesses in its internal control over financial reporting (other than as set forth in the Commission Documents). Except as set forth in the Commission Documents, since the date of the latest audited financial statements of the Company included in the 2021 Form 10-K, there has been no change in the Company's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting. Except as set forth in the Commission Documents, the Company has established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15 and 15d-15) that comply with the requirements of the Exchange Act. The Company's certifying officers have evaluated the effectiveness of the Company's controls and procedures as of a date within 90 days prior to the filing date of the Form 10-K for the fiscal year most recently ended (such date, the "**Evaluation Date**"). The Company presented in its Form 10-K for the fiscal year most recently ended the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the most recent Evaluation Date and, except as set forth in such Form 10-K or any Commission Document filed with the Commission for a period subsequent to the period covered by such Form 10-K, the "disclosure controls and procedures" are effective.

(d) KPMG LLP (the "**Accountant**"), whose report on the consolidated financial statements of the Company is filed with the Commission as part of the 2021 Form 10-K, are and, during the periods covered by their report, were independent public accountants within the meaning of the Securities Act and the Public Company Accounting Oversight Board (United States). To the

Company's knowledge, the Accountant is not in violation of the auditor independence requirements of the Sarbanes-Oxley Act of 2002 (the "*Sarbanes-Oxley Act*") with respect to the Company.

(e) Since December 31, 2021, the Company has timely filed all certifications and statements the Company is required to file under (i) Rule 13a-14 or Rule 15d-14 under the Exchange Act or (ii) 18 U.S.C. Section 1350 (Section 906 of the Sarbanes-Oxley Act) with respect to all Commission Documents with respect to which the Company is required to file such certifications and statements thereunder.

Section 5.7. Subsidiaries. Exhibit 21.1 of the 2021 Form 10-K sets forth each Subsidiary of the Company as of the Closing Date, other than those that may be omitted pursuant to Item 601 of Regulation S-K, and the Company does not have any other Subsidiaries as of the Closing Date, other than those that may be omitted pursuant to Item 601 of Regulation S-K. Each Subsidiary of the Company has been duly formed or organized, is validly existing under the applicable laws of its jurisdiction of incorporation or organization and has the organizational power and authority to own, lease and operate its assets and properties and to conduct its business as it is now being conducted, except as would not reasonably be expected to have a Material Adverse Effect. Each of the Company's Subsidiaries is duly licensed or qualified and in good standing (or equivalent status as applicable) as a foreign corporation (or other entity, if applicable) in each jurisdiction in which the assets owned or leased by it or the character of its activities require it to be licensed or qualified or in good standing (or equivalent status as applicable), except where the failure to be so licensed or qualified, individually or in the aggregate, has not had and would not reasonably be expected to have a Material Adverse Effect. No Subsidiary of the Company is currently prohibited, directly or indirectly, from paying any dividends to the Company, from making any other distribution on such Subsidiary's capital stock, from repaying to the Company any loans or advances to such Subsidiary from the Company or from transferring any of such Subsidiary's property or assets to the Company or any other Subsidiary of the Company, except as described in or contemplated by the Commission Documents or as would not reasonably be expected to have a Material Adverse Effect.

Section 5.8. No Material Adverse Effect or Material Adverse Change. Except as otherwise disclosed in any Commission Documents, since December 31, 2021: (i) the Company has not experienced or suffered any Material Adverse Effect, and there exists no current state of facts, condition or event which would reasonably be expected to have a Material Adverse Effect; (ii) there has not occurred any material adverse change, or any development that would reasonably be expected to result in a prospective material adverse change, in the condition, financial or otherwise, or in the earnings, business or operations of the Company from that set forth in the Commission Documents; (iii) neither the Company nor any of its Subsidiaries has incurred any material liability or obligation, direct or contingent, nor entered into any material transaction; (iv) the Company has not purchased any of its outstanding capital stock, nor declared, paid or otherwise made any dividend or distribution of any kind on its capital stock other than ordinary and customary dividends; and (v) there has not been any material change in the capital stock, short-term debt or long-term debt of the Company.

Section 5.9. No Undisclosed Liabilities. Neither the Company nor any of its Subsidiaries has any liabilities, obligations, claims or losses (whether liquidated or unliquidated, secured or unsecured, absolute, accrued, contingent or otherwise) that would be required to be disclosed on a balance sheet of the Company or any Subsidiary (including the notes thereto) in conformity with GAAP and are not disclosed in the Commission Documents, other than those incurred in the ordinary course of the Company's or its Subsidiaries respective businesses since December 31, 2021 and which, individually or in the aggregate, would not reasonably be expected to have a Material Adverse Effect.

Section 5.10. No Material Defaults. Since December 31, 2021, neither the Company nor any of its Subsidiaries (i) has failed to pay any dividend or sinking fund installment on preferred stock or (ii) has defaulted on any installment on Indebtedness or on any rental on one or more long-term leases, which defaults, individually or in the aggregate, would reasonably be expected to have a Material Adverse Effect, and the Company has not filed a report pursuant to Section 13(a) or 15(d) of the Exchange Act disclosing that it or any of its Subsidiaries has failed to make any such payments or has so defaulted.

Section 5.11. Solvency. The Company has not taken any steps, and does not currently expect to take any steps, to seek protection pursuant to any Bankruptcy Law, nor does the Company have any Knowledge that its creditors intend to initiate involuntary bankruptcy, insolvency, reorganization or liquidation proceedings or other proceedings for relief under any Bankruptcy Law. Except as may be set forth in any Commission Document filed after the Closing Date, the Company is financially solvent and is generally able to pay its debts as they become due.

Section 5.12. Title To Assets. The Company and the Subsidiaries have good and valid title in fee simple to all items of real property and good and valid title to all personal property described in the Commission Documents as being owned by them that are material to the businesses of the Company or such Subsidiary, in each case free and clear of all liens, encumbrances and claims, except those that (i) do not materially interfere with the use made and proposed to be made of such property by the Company and the Subsidiaries, (ii) would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect, (iii) are licenses or other rights granted with respect to Intellectual Property, or (iv) are disclosed in the Commission Documents. Any real property described in the Commission Documents as being leased by the Company and the Subsidiaries is held by them under valid, existing and enforceable leases, except those that (A) do not materially interfere with the use made or proposed to be made of such property by the Company or the Subsidiaries or (B) would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

Section 5.13. Actions Pending. Except as disclosed in the Commission Documents, there are no actions, suits, claims, investigations or proceedings pending or, to the Company's Knowledge, threatened to which the Company or any of the Subsidiaries is or would be a party, or of which any of the respective properties or assets of the Company and the Subsidiaries is or would be subject, at law or in equity, before any Governmental Authority, which are required to be disclosed in the Commission Documents, or which would reasonably be expected to result in a judgment, decree or order having, individually or in the aggregate, a Material Adverse Effect.

Section 5.14. Compliance With Laws. The business of the Company and the Subsidiaries has been and is presently being conducted in compliance with all applicable federal, state and local governmental laws, rules, regulations and ordinances, except as set forth in the Commission Documents and except for such non-compliance which, individually or in the aggregate, would not reasonably be expected to have a Material Adverse Effect. Neither the Company nor any of its Subsidiaries is in violation of any judgment, decree or order or any statute, ordinance, rule or regulation of any Governmental Authority applicable to the Company or any of its Subsidiaries, and neither the Company nor any of its Subsidiaries will conduct its business in violation of any of the foregoing, except in all cases for any such violations which could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. There are no statutes, laws, rules, regulations or ordinances of any Governmental Authority, self-regulatory organization or body that are applicable to the Company or any of its Subsidiaries or to their respective businesses, assets or properties that are required to be described in any Commission Document that are not described therein as required.

Section 5.15. 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 other Persons for fees of a type contemplated in this Section 5.15 incurred by the Company or its Subsidiaries that may be due or payable in connection with the transactions contemplated by the Transaction Documents.

Section 5.16. Disclosure. The Company confirms that as of the Commencement Date and thereafter, neither it nor any other Person acting on its behalf has provided the Investor or any of its representatives, agents, advisors or counsel with any information that constitutes or could reasonably be expected to constitute material, nonpublic information concerning the Company or any of its Subsidiaries that has not been publicly disclosed by the Company in a Commission Document filed by the Company with the Commission. The Company understands and confirms that the Investor will rely on the foregoing representations in effecting resales of Shares under the Registration Statement. All disclosure provided to Investor regarding the Company and its Subsidiaries, their businesses and the transactions contemplated by the Transaction Documents (including, without limitation, the representations and warranties of the Company contained in the Transaction Documents to which it is a party (as modified by the Disclosure Schedule)) furnished in writing by or on behalf of the Company or any of its Subsidiaries for purposes of or in connection with the Transaction Documents (other than forward-looking information and projections and information of a general economic nature and general information about the Company's industry), taken together, is true and correct in all material respects on the date on which such information is dated or certified, and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in the light of the circumstances under which they were made, not misleading at such time. Each press release issued by the Company or any of its Subsidiaries during the 12 months preceding the Closing Date did not at the time of release (or, if amended or superseded by a later dated press release issued by the Company or any of its Subsidiaries prior to the Closing Date or by a later dated Commission Document filed with or furnished to the Commission by the Company prior to the Closing Date, at the time of issuance of such later dated press release or filing or furnishing of such Commission Document, as applicable) contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they are made, not misleading.

Section 5.17. Operation of Business.

(a) Except as disclosed in the Commission Documents, each of the Company and its Subsidiaries is in possession of all franchises, grants, authorizations, licenses, permits, easements, variances, exceptions, consents, certificates, approvals and orders of any Governmental Authority necessary for each of the Company and its Subsidiaries to own, lease and operate its properties or to carry on its business as it is now being conducted as disclosed in the Commission Documents (the “*Permits*”), except where the failure to have such Permits would not reasonably be expected to have a Material Adverse Effect. No suspension or cancellation of any of the Permits is pending or, to the Knowledge of the Company, threatened in writing. Neither the Company nor any of its Subsidiaries is, or has been since December 31, 2021, in conflict with, or in default, breach or violation of any statute, law, ordinance, rule or regulation applicable to the Company or any of its Subsidiaries or by which any property or asset of the Company or any of its Subsidiaries is bound or affected, except for any such conflicts, defaults, breaches or violations that would not have or would not reasonably be expected to have a Material Adverse Effect. This Section 5.17(a) does not relate to environmental matters, such items being the subject of Section 5.18.

(b) The Company and its Subsidiaries own or possess adequate rights to use all patents, patent applications, trademarks (both registered and unregistered), trade names, trademark registrations, service marks, service mark registrations, Internet domain name registrations, copyrights, copyright registrations, and know-how (including trade secrets and other unpatented and/or unpatentable proprietary or confidential information, systems or procedures) (collectively, the “*Intellectual Property*”), necessary for the conduct of their respective businesses as conducted as of the date hereof, except to the extent that the failure to own or possess adequate rights to use such Intellectual Property would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. Since the date that is one year prior to the Closing Date, the Company and its Subsidiaries have not received any written notice of any claim of infringement or other violation of Intellectual Property rights of any third Person, which infringement or other violation, if the subject of an unfavorable decision, would reasonably be expected to result in a Material Adverse Effect. Except as would not be, individually or in the aggregate, reasonably expected to have a Material Adverse Effect, (i) there are no pending, or to the Company’s Knowledge, threatened judicial proceedings or interference proceedings challenging the Company’s or any Subsidiary’s rights in or to or the validity of the scope of any of the Company’s or its Subsidiaries’ owned Intellectual Property; and (ii) to the Knowledge of the Company, no other entity or individual has any right or claim in any of the Company’s or any of its Subsidiary’s owned Intellectual Property by virtue of any contract, license or other agreement entered into between such entity or individual and the Company or any Subsidiary or by any non-contractual obligation, other than by written licenses or other agreements granted or entered into by the Company or any Subsidiary. Since the date that is one year prior to the Closing Date, the Company has not received any written notice of any claim challenging the rights of the Company or its Subsidiaries in or to any Intellectual Property owned or exclusively licensed by the Company or any Subsidiary which claim, if the subject of an unfavorable decision, would reasonably be expected to result in a Material Adverse Effect.

Section 5.18. Environmental Compliance. The Company and the Subsidiaries (i) are in compliance with any and all applicable federal, state, local and foreign laws, rules, regulations, decisions and orders relating to the protection of human health and safety, the environment or hazardous or toxic substances or wastes, pollutants or contaminants (collectively, “*Environmental Laws*”); (ii) have received and are in compliance with all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses as described in the Commission Documents; and (iii) have not received notice of any actual or potential liability for the investigation or remediation of any disposal or release of hazardous or toxic substances or wastes, pollutants or contaminants, except, in the case of any of clauses (i), (ii) or (iii) above, for any such failure to comply or failure to receive required permits, licenses, other approvals or liability as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

Section 5.19. Material Agreements. Except as set forth in the Commission Documents, the descriptions in the Commission Documents of the material contracts, leases and other legal documents therein described present fairly in all material respects the information required to be shown, and there are no material contracts, leases, or other documents of a character required to be described in the Commission Documents or to be filed as exhibits thereto which are not described or filed as required; all material agreements between the Company or any of its Subsidiaries and third parties expressly referenced in the Commission Documents are legal, valid and binding obligations of the Company or one or more of its Subsidiaries, enforceable in accordance with their respective terms, except to the extent enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium or similar laws affecting creditors’ rights generally and by general equitable principles, and except where the failure of any such agreement to be enforceable in accordance with its terms would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

Section 5.20. Transactions With Affiliates. Except as set forth in the Commission Documents, none of the officers or directors of the Company and, to the Knowledge of the Company, none of the Company’s stockholders, the officers or directors of any stockholder

of the Company, or any family member or Affiliate of any of the foregoing, has either directly or indirectly any interest in, or is a party to, any transaction that is required to be disclosed as a related party transaction pursuant to Item 404 of Regulation S-K promulgated under the Securities Act.

Section 5.21. Employees; Labor Laws. No material labor dispute with the employees of the Company exists, except as described in the Commission Documents, or, to the Knowledge of the Company, is imminent; and the Company is not aware of any existing, threatened or imminent labor disturbance by the employees of any of its principal suppliers, manufacturers or contractors that would reasonably be expected to have a Material Adverse Effect. Neither the Company nor any Subsidiary is in violation of or has received notice of any violation with respect to any federal or state law relating to discrimination in the hiring, promotion or pay of employees, nor any applicable federal or state wage and hour laws, nor any state law precluding the denial of credit due to the neighborhood in which a property is situated, the violation of any of which could reasonably be expected to have a Material Adverse Effect. To the Company's Knowledge, except as disclosed in the Commission Documents, no employee of the Company or any of its Subsidiaries is or was represented by a labor union, works council, trade union, industrial organization, or similar representative of employees with respect to employment with the Company or any of its Subsidiaries, and neither the Company nor any of its Subsidiaries is or was a party to, subject to, or bound by a collective bargaining agreement, collective agreement, workplace agreement or any other Material Agreement with a labor union, works council, trade union, industrial organization, or similar representative of employees. There are no strikes, lockouts or work stoppages existing or, to the Company's Knowledge, threatened, against the Company or any of its Subsidiaries with respect to any employees of the Company or any of its Subsidiaries or any other individuals who have provided services with respect to the Company or any of its Subsidiaries that would reasonably be expected to have a Material Adverse Effect.

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Section 5.22. Use of Proceeds. The proceeds from the sale of the Shares by the Company to Investor shall be used by the Company and its Subsidiaries in the manner as will be set forth in the Prospectus included in any Registration Statement (and any post-effective amendment thereto) and any Prospectus Supplement thereto filed pursuant to the Registration Rights Agreement.

Section 5.23. Investment Company Act Status. The Company is not, and as a result of the consummation of the transactions contemplated by the Transaction Documents and the application of the proceeds from the sale of the Shares as will be set forth in the Prospectus included in any Registration Statement (and any post-effective amendment thereto) and any Prospectus Supplement thereto filed pursuant to the Registration Rights Agreement the Company will not be required to register as an "investment company" within the meaning of the Investment Company Act of 1940, as amended.

Section 5.24. ERISA. The Company has made all required material contributions and has no material liability to each employee benefit plan maintained, established or sponsored by the Company, or which the Company participates in or contributes to, which is subject to the Employee Retirement Income Security Act of 1974, as amended ("**ERISA**"), and has made all required material contributions and has no material liability to each other material bonus, commission, severance, equity, phantom equity, change in control, retention bonus, deferred compensation, paid time off, health and welfare, and/or fringe benefit plan, program, agreement, or arrangement sponsored, maintained, or contributed to by the Company, other than liability for health plan continuation coverage described in Part 6 of Title I(B) of ERISA, and has complied in all material respects with all applicable laws for any such employee benefit plan. There is no material action, claim, suit, proceeding, demand, investigation, or audit pending, or to the Company's Knowledge, threatened, with respect to any employee benefit plan described in the immediately preceding sentence (except for routine claims for benefits) or that relates to the Company's employment practices. The Company and its Affiliates do not maintain, sponsor, or contribute to any "multiemployer plan," as defined in Section 3(37) of ERISA, any "multiple employer plan" as defined in Section 413 of the Internal Revenue Code of 1986, as amended (the "**Code**"), any "multiple employer welfare arrangement" as defined in Section 3(40) of ERISA, any "defined benefit pension plan" as defined in Section 3(35) of ERISA, or any plan that provides medical insurance or life insurance benefits to terminated employees or retirees other than as required under Section 4980B of the Code.

Section 5.25. Taxes. The Company and each of its Subsidiaries has filed all federal, state, local and foreign tax returns required to be filed through the date of this Agreement or have requested extensions thereof (except where the failure to file would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect) and have paid all taxes required to be paid thereon (except for cases in which the failure to file or pay would not reasonably be expected to have a Material Adverse Effect, or, except as currently being contested in good faith and for which reserves required by GAAP have been created in the financial statements of the Company), and no tax deficiency has been determined adversely to the Company or any of its Subsidiaries which have had a Material Adverse Effect, nor does the Company have any notice or Knowledge of any tax deficiency which could reasonably be expected to be determined adversely to the Company or any of its Subsidiaries and which would reasonably be expected to have a Material Adverse Effect.

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Section 5.26. Insurance. Except as would not be material to the Company and its Subsidiaries taken as whole, the Company and its Subsidiaries maintain insurance with insurers in such amounts and against such risks as the management of the Company has in good faith determined to be prudent and appropriate, and all material insurance policies maintained by or for the benefit of the Company or any of its Subsidiaries are in full force and effect.

Section 5.27. Exemption from Registration. Subject to, and in reliance on, the representations, warranties and covenants made herein by the Investor, the offer and sale of the Securities by the Company to the Investor in accordance with the terms and conditions of this Agreement is exempt from the registration requirements of the Securities Act pursuant to Section 4(a)(2) and Rule 506(b) of Regulation D; provided, however, that at the request of and with the express agreements of the Investor (including, without limitation, the representations, warranties and covenants of Investor set forth in Sections 4.10 through 4.13), the Securities to be issued from and after Commencement to or for the benefit of the Investor pursuant to this Agreement shall be issued to the Investor or its designee only as DWAC Shares and will not bear legends noting restrictions as to resale of such securities under federal or state securities laws, nor will any such securities be subject to stop transfer instructions.

Section 5.28. No General Solicitation or Advertising. Neither the Company, nor any of its Subsidiaries or Affiliates, nor any Person acting on its or their behalf, has engaged in any form of general solicitation or general advertising (within the meaning of Regulation D) in connection with the offer or sale of the Securities.

Section 5.29. No Integrated Offering. None of the Company or any of its Affiliates, nor any Person acting on their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would require registration of the offer, issuance and sale by the Company to the Investor of any of the Securities under the Securities Act, whether through integration with prior offerings or otherwise, or cause this offering of the Securities to require approval of stockholders of the Company under any applicable stockholder approval provisions, including, without limitation, under the rules and regulations of the Trading Market. None of the Company, its Subsidiaries, their Affiliates nor any Person acting on their behalf will take any action or steps referred to in the preceding sentence that would require registration of the offer, issuance and sale by the Company to the Investor of any of the Securities under the Securities Act or cause the offering of any of the Securities to be integrated with any other offering of securities of the Company.

Section 5.30. Dilutive Effect. The Company is aware and acknowledges that issuance of the Securities could cause dilution to existing stockholders and could significantly increase the number of outstanding shares of Common Stock. The Company further acknowledges that its obligation to issue the Commitment Shares and to issue the Shares pursuant to the terms of a VWAP Purchase Notice and an Intraday VWAP Purchase Notice (as applicable) in accordance with this Agreement is, in each case, absolute and unconditional regardless of the dilutive effect that such issuance may have on the ownership interests of other stockholders of the Company.

Section 5.31. Manipulation of Price. Neither the Company nor any of its officers, directors or Affiliates has, and, to the Knowledge of the Company, no Person acting on their behalf has, (i) taken, directly or indirectly, any action designed or intended to cause or to result in the stabilization or manipulation of the price of any security of the Company, or which caused or resulted in, or which would in the future reasonably be expected to cause or result in, the stabilization or manipulation of the price of any security of the Company, in each case 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. Neither the Company nor any of its officers, directors or Affiliates will during the term of this Agreement, and, to the Knowledge of the Company, no Person acting on their behalf will during the term of this Agreement, take any of the actions referred to in the immediately preceding sentence.

Section 5.32. Securities Act. The Company has complied and shall comply with all applicable federal and state securities laws in connection with the offer, issuance and sale of the Securities hereunder, including, without limitation, the applicable requirements of the Securities Act. Each Registration Statement, upon filing with the Commission and at the time it is declared effective by the Commission, shall satisfy all of the requirements of the Securities Act to register the resale of the Registrable Securities included therein by the Investor in accordance with the Registration Rights Agreement on a delayed or continuous basis under Rule 415 under the Securities Act at then-prevailing market prices, and not fixed prices. The Company is not currently, and has not been since April 6, 2021, an issuer identified in, or subject to, Rule 144(i). The Company has filed current "Form 10 information" (as defined in Rule 144(i)(3) under the Securities Act) with the Commission on April 12, 2021 reflecting its status as an entity that is not a shell company.

Section 5.33. Listing and Maintenance Requirements; DTC Eligibility. The Common Stock is registered pursuant to Section 12(b) 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 Common Stock under the Exchange Act, nor has the Company received any notification that the Commission is contemplating terminating such registration. The Company has not received notice from the Trading Market (or, if the Common Stock is then listed on an Eligible Market, from such Eligible Market) to the effect that the Company is not in compliance with the listing or maintenance requirements of the Trading Market (or of such Eligible Market, as applicable). The Company is in compliance with all applicable listing and maintenance requirements of the Trading Market. The Common Stock may be issued and transferred electronically to third parties via DTC through its Deposit/Withdrawal at Custodian (“*DWAC*”) delivery system. The Company has not received notice from DTC to the effect that a suspension of, or restriction on, accepting additional deposits of the Common Stock, electronic trading or book-entry services by DTC with respect to the Common Stock is being imposed or is contemplated.

Section 5.34. Application of Takeover Protections. The Company and its Board of Directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Company’s Charter or the Delaware General Corporation Law, as amended, that is or could become applicable to the Investor as a result of the Investor and the Company fulfilling their respective obligations or exercising their respective rights under the Transaction Documents (as applicable), including, without limitation, as a result of the Company’s issuance of the Securities and the Investor’s ownership of the Securities.

Section 5.35. No Unlawful Payments. Neither the Company nor any of its Subsidiaries nor any director or officer, nor, to the Knowledge of the Company, any employee, agent, representative or Affiliate of the Company, has taken within the past five years any action in furtherance of an offer, payment, promise to pay, or authorization or approval of the payment or giving of money, property, gifts or anything else of value, directly or indirectly, to any “government official” (including any officer or employee of a government or government-owned or controlled entity or of a public international organization, or any person acting in an official capacity for or on behalf of any of the foregoing, or any political party or party official or candidate for political office) to influence official action or secure an improper advantage (to the extent acting on behalf of or providing services to the Company); and the Company and its Subsidiaries have conducted their businesses within the past five years in compliance with the U.S. Foreign Corrupt Practices Act of 1977, as amended (the “*FCPA*”), and other applicable anti-corruption or anti-bribery laws, and have instituted and maintain policies and procedures designed to promote and achieve compliance with such laws and with the representation and warranty contained herein.

Section 5.36. Money Laundering Laws. The operations of the Company are and have been conducted at all times within the past five years in material compliance with all applicable financial recordkeeping and reporting requirements, including those of the Currency and Foreign Transactions Reporting Act of 1970, as amended, and the applicable anti-money laundering statutes, including but not limited to, applicable federal, state, international, foreign or other laws, regulations or government guidance regarding anti-money laundering, including, without limitation, Title 18 US. Code section 1956 and 1957, the Patriot Act, the Bank Secrecy Act, and international anti-money laundering principles or procedures by an intergovernmental group or organization, such as the Financial Action Task Force on Money Laundering, of which the United States is a member and with which designation the United States representative to the group or organization continues to concur, all as amended, and any Executive order, directive, or regulation pursuant to the authority of any of the foregoing, or any orders or licenses issued thereunder, of jurisdictions where the Company conducts business, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the “*Money Laundering Laws*”), and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company with respect to the Money Laundering Laws is pending or, to the Knowledge of the Company, threatened.

Section 5.37. OFAC. Neither the Company nor any of its Subsidiaries, nor any director, officer, or employee thereof, nor, to the Company’s Knowledge, any agent, affiliate or representative of the Company, is a Person that is, or is owned or controlled by a Person that is (i) the subject of any sanctions administered or enforced by the U.S. Department of Treasury’s Office of Foreign Assets Control, the United Nations Security Council, the European Union, Her Majesty’s Treasury, or other relevant sanctions authority (collectively, “*Sanctions*”), nor (ii) located, organized or resident in a country or territory that is the subject of Sanctions (including, without limitation, Crimea, Cuba, Iran, North Korea, Sudan and Syria). Neither the Company nor any of its Subsidiaries will, directly or indirectly, use the proceeds from the sale of Shares under this Agreement, or lend, contribute or otherwise make available such proceeds to any Subsidiary, joint venture partner or other Person (a) to fund or facilitate any activities or business of or with any Person or in any country or territory that, at the time of such funding or facilitation, is the subject of Sanctions, or (b) in any other manner that will result in a violation of Sanctions by any Person (including any Person participating in the offering, whether as underwriter, advisor, investor or otherwise). For the past five years, neither the Company nor any of its Subsidiaries have knowingly engaged in, or are now knowingly engaged in, any

dealings or transactions with any Person, or in any country or territory, that at the time of the dealing or transaction is or was the subject of Sanctions.

Section 5.38. [Reserved].

Section 5.39. IT Systems. The Company and its Subsidiaries own or have a valid right to access and use all material IT Systems used by them in connection with the business as currently conducted. The Company and its Subsidiaries have back-up and disaster recovery arrangements, procedures and facilities for the continued operation of its businesses in the event of a failure of the IT Systems that are, in the reasonable determination of the Company, commercially reasonable and in accordance in all material respects with standard industry practice. In the last twelve (12) months, there has not been any material failure with respect to any of the IT Systems that has not been remedied, replaced or mitigated in all material respects. To the Knowledge of the Company, the Company Software and IT Systems are free of any malicious Software including viruses, worms, trojan horses, bugs, faults or other devices, errors, contaminants or material vulnerabilities, which may be used to gain access to, alter, delete, destroy or disable any of the IT Systems or Company Software.

Section 5.40. Compliance With Data Security Requirements. The conduct of the business of the Company and its Subsidiaries has at all times during the past three (3) years complied in all material respects with (i) all applicable Privacy Laws, (ii) all of the Company's policies and notices regarding Personal Information or Data Treatment, and (iii) all of the Company's contractual obligations with respect to Data Treatment by or on behalf of the Company or any of its Subsidiaries (collectively, the "**Data Security Requirements**"). To the extent required under any Data Security Requirements, the Company and its Subsidiaries have in place commercially reasonable policies, procedures and systems for receiving and appropriately responding to requests from individuals to exercise their rights under Data Security Requirements concerning their Personal Information. Neither the Company's nor any of its Subsidiaries' externally-facing privacy policies or notices contain any material omissions or are misleading or deceptive in any material respect. The Company and its Subsidiaries have in place reasonable and appropriate technical and organizational safeguards designed to protect Personal Information against loss, theft, misuse, or unauthorized access, use, modification, alteration, destruction or disclosure. During the past three (3) years (A) except as would not reasonably be expected to result in material liability to the Company or any of its Subsidiaries, to the Company's Knowledge, there have been no actual or alleged breaches of, security incidents involving, misuse of or unauthorized access to the IT Systems, which has resulted in the unauthorized acquisition, destruction, damage, loss, corruption, alteration, use or disclosure of any Personal Information collected, used or processed by or on behalf of the Company or any of its Subsidiaries; and (B) neither the Company nor any of its Subsidiaries has received in writing any notices of any claims of, or investigations related to, or to the Company's Knowledge, has been charged with, the violation of, any Data Security Requirements.

Section 5.41. No Disqualification Events. None of the Company, any of its predecessors, any affiliated issuer, any director, executive officer, other officer of the Company 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)(i) to (viii) 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 5.42. Emerging Growth Company Status. As of the Closing Date the Company was, and as of the Commencement Date the Company will be, an "emerging growth company" as defined in Section 2(a)(19) of the Securities Act, as modified by the Jumpstart Our Business Startups Act of 2012.

Section 5.43. Smaller Reporting Company Status. As of the Closing Date the Company was, and as of the Commencement Date the Company will be, a "smaller reporting company" as defined in Rule 12b-2 of the Exchange Act.

Section 5.44. Acknowledgement Regarding Investor's Acquisition of Securities. The Company acknowledges and agrees that the Investor is acting solely in the capacity of an arm's-length purchaser with respect to this Agreement and the transactions contemplated by the Transaction Documents. 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 this Agreement and the transactions contemplated by the Transaction Documents, and any advice given by the Investor or any of its representatives or agents in connection therewith is merely incidental to

the Investor's acquisition of the Securities. The Company further represents to the Investor that the Company's decision to enter into the Transaction Documents to which it is a party has been based solely on the independent evaluation of the transactions contemplated thereby by the Company and its representatives. The Company acknowledges and agrees that the Investor has not made and does not make any representations or warranties with respect to the transactions contemplated by the Transaction Documents other than those specifically set forth in Article IV.

ARTICLE VI ADDITIONAL COVENANTS

The Company covenants with the Investor, and the Investor covenants with the Company, as follows, which covenants of one party are for the benefit of the other party, during the Investment Period (and with respect to the Company, for the period following the termination of this Agreement specified in Section 8.3 pursuant to and in accordance with Section 8.3):

Section 6.1. Securities Compliance. The Company shall notify the Commission and the Trading Market, if and as applicable, in accordance with their respective rules and regulations, of the transactions contemplated by the Transaction Documents, and shall take all necessary action, undertake all proceedings and obtain all registrations, permits, consents and approvals for the legal and valid issuance of the Securities to the Investor in accordance with the terms of the Transaction Documents, as applicable.

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Section 6.2. Reservation of Common Stock. The Company has available and the Company shall reserve and keep available at all times, free of preemptive and other similar rights of stockholders, the requisite aggregate number of authorized but unissued shares of Common Stock to enable the Company to timely effect (i) the issuance and delivery of all Initial Commitment Shares to be issued and delivered to the Investor under Section 10.1(ii)(a) hereof within the time period specified in Section 10.1(ii)(a) hereof, (ii) the issuance and delivery of all Additional Commitment Shares to be issued and delivered to the Investor under Section 10.1(ii)(b) hereof within the time periods specified in Section 10.1(ii)(b) hereof, (iii) the issuance, sale and delivery of all Shares to be issued, sold and delivered in respect of each VWAP Purchase effected under this Agreement, in the case of this clause (iii), at least prior to the delivery by the Company to the Investor of the applicable VWAP Purchase Notice in connection with such VWAP Purchase, and (iv) the issuance, sale and delivery of all Shares to be issued, sold and delivered in respect of each Intraday VWAP Purchase effected under this Agreement, in the case of this clause (iv), at least prior to the delivery by the Company to the Investor of the applicable Intraday VWAP Purchase Notice in connection with such Intraday VWAP Purchase. Without limiting the generality of the foregoing, as of the Commencement Date, the Company shall have reserved, out of its authorized and unissued Common Stock, (a) 65,907 shares of Common Stock solely for the purpose of issuing Additional Commitment Shares to be issued and delivered to the Investor under Section 10.1(ii)(b) hereof in such amounts and within the time periods specified in Section 10.1(ii)(b) hereof, and (b) at least 24,912,000 shares of Common Stock solely for the purpose of issuing Shares pursuant to one or more VWAP Purchases and Intraday VWAP Purchases that may be effected by the Company, in its sole discretion, from time to time from and after the Commencement Date under this Agreement. The number of shares of Common Stock so reserved for the purpose of effecting issuances of Shares pursuant to VWAP Purchases and Intraday VWAP Purchases under this Agreement may be increased from time to time by the Company from and after the Commencement Date, and such number of reserved shares may be reduced from and after the Commencement Date only by the number of Shares actually issued, sold and delivered to the Investor pursuant to any VWAP Purchase and any Intraday VWAP Purchase (as applicable) effected from and after the Commencement Date pursuant to this Agreement.

Section 6.3. Registration and Listing. The Company shall use its commercially reasonable efforts to cause the Common Stock to continue to be registered as a class of securities under Sections 12(b) of the Exchange Act, and to comply with its reporting and filing obligations under the Exchange Act, and shall not take any action or file any document (whether or not permitted by the Securities Act or the Exchange Act) to terminate or suspend such registration or to terminate or suspend its reporting and filing obligations under the Exchange Act or Securities Act, except as permitted herein. The Company shall use its commercially reasonable efforts to continue the listing and trading of its Common Stock and the listing of the Securities purchased or acquired by the Investor hereunder on the Trading Market (or another Eligible Market) and to comply with the Company's reporting, filing and other obligations under the rules and regulations of the Trading Market (or other Eligible Market, as applicable). The Company shall not take any action which could be reasonably expected to result in the delisting or suspension of the Common Stock on the Trading Market (or other Eligible Market, as applicable). If the Company receives any final and non-appealable notice that the listing or quotation of the Common Stock on the Trading Market (or other Eligible Market, as applicable) shall be terminated on a date certain, the Company shall promptly (and in any case within 24 hours) notify the Investor of such fact in writing and shall use its commercially reasonable efforts to cause the Common Stock to be listed or quoted on another Eligible Market.

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Section 6.4. Compliance with Laws.

(i) During the Investment Period, the Company (a) shall comply, and cause each Subsidiary to comply, with all laws, rules, regulations and orders applicable to the business and operations of the Company and its Subsidiaries, except as would not have a Material Adverse Effect and (b) with applicable provisions of the Securities Act and the Exchange Act, including Regulation M thereunder, applicable state securities or “Blue Sky” laws, and applicable listing rules of the Trading Market (or Eligible Market, as applicable), except as would not, individually or in the aggregate, prohibit or otherwise interfere with the ability of the Company to enter into and perform its obligations under this Agreement in any material respect or for Investor to conduct resales of Securities under the Registration Statement in any material respect. Without limiting the foregoing, neither the Company, nor any of its Subsidiaries, nor to the Knowledge of the Company, any of their respective directors, officers, agents, employees or any other Persons acting on their behalf shall, in connection with the operation of the Company’s and its Subsidiaries’ respective businesses, (1) use any corporate funds for unlawful contributions, payments, gifts or entertainment or to make any unlawful expenditures relating to political activity to government officials, candidates or members of political parties or organizations, (2) pay, accept or receive any unlawful contributions, payments, expenditures or gifts, or (3) violate or operate in noncompliance with any export restrictions, anti-boycott regulations, embargo regulations or other applicable domestic or foreign laws and regulations, including, without limitation, the FCPA and the Money Laundering Laws.

(ii) The Investor shall comply with all laws, rules, regulations and orders applicable to the performance by it of its obligations under this Agreement and its investment in the Securities, except as would not, individually or in the aggregate, prohibit or otherwise interfere with the ability of the Investor to enter into and perform its obligations under this Agreement in any material respect. Without limiting the foregoing, the Investor shall comply with all applicable provisions of the Securities Act and the Exchange Act, including Regulation M thereunder, and all applicable state securities or “Blue Sky” laws.

Section 6.5. Keeping of Records and Books of Account; Due Diligence.

(i) The Investor and the Company shall each maintain records showing the remaining Total Commitment, the remaining Aggregate Limit, the dates and VWAP Purchase Share Amount for each VWAP Purchase, and the dates and Intraday VWAP Purchase Share Amount for each Intraday VWAP Purchase.

(ii) Subject to the requirements of Section 6.12, from time to time from and after the Closing Date, the Company shall make available for inspection and review by the Investor during normal business hours and after reasonable notice, customary documentation reasonably requested by the Investor and/or its appointed counsel or advisors to conduct due diligence; provided, however, that after the Closing Date, the Investor’s continued due diligence shall not be a condition precedent to the Commencement or to the Investor’s obligation to accept each VWAP Purchase Notice and each Intraday VWAP Purchase Notice timely delivered by the Company to the Investor in accordance with this Agreement.

Section 6.6. No Frustration; No Variable Rate Transactions.

(i) **No Frustration.** 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 to which it is a party, including, without limitation, the obligation of the Company to deliver (i) the Initial Commitment Shares to the Investor not later than 4:00 p.m. (New York time) on the Trading Day immediately following the Closing Date in accordance with Section 10.1(ii)(a), (ii) the Additional Commitment Shares to be issued and delivered to the Investor under Section 10.1(ii)(b) hereof in such amounts and within the time periods specified in Section 10.1(ii)(b) hereof, and (iii) the Shares to the Investor in respect of each VWAP Purchase and each Intraday VWAP Purchase, in each case not later than the applicable Purchase Share Delivery Date with respect to such VWAP Purchase and such Intraday VWAP Purchase (as applicable) in accordance with Section 3.3. For the avoidance of doubt, nothing in this Section 6.6(i) shall in any way limit the Company’s right to terminate this Agreement in accordance with Section 8.2 (subject in all cases to Section 8.3).

(ii) **No Variable Rate Transactions.** The Company shall not effect or enter into an agreement to effect any issuance by the Company or any of its Subsidiaries of Common Stock or Common Stock Equivalents (or a combination of units thereof) involving a Variable Rate Transaction, other than in connection with an Exempt Issuance. The Investor shall be entitled to seek injunctive relief against the Company and its Subsidiaries to preclude any such issuance, which remedy shall be in addition to any right to collect damages, without the necessity of showing economic loss and without any bond or other security being required.

Section 6.7. Corporate Existence. The Company shall take all steps necessary to preserve and continue the corporate existence of the Company; provided, however, that, except as provided in Section 6.8, nothing in this Agreement shall be deemed to prohibit the Company from engaging in any Fundamental Transaction with another Person. For the avoidance of doubt, nothing in this Section 6.7 shall in any way limit the Company's right to terminate this Agreement in accordance with Section 8.2 (subject in all cases to Section 8.3).

Section 6.8. Fundamental Transaction. If a VWAP Purchase Notice or an Intraday VWAP Purchase Notice has been delivered to the Investor and the transactions contemplated therein have not yet been fully settled in accordance with Section 3.3 of this Agreement, the Company shall not effect any Fundamental Transaction until the expiration of five (5) Trading Days following the date of full settlement thereof and the issuance to the Investor of all of the Shares that are issuable to the Investor pursuant to the VWAP Purchase or Intraday VWAP Purchase (as applicable) to which such VWAP Purchase Notice or Intraday VWAP Purchase Notice (as applicable) relates.

Section 6.9. Selling Restrictions.

(i) Except as expressly set forth below, the Investor covenants that from and after the Closing Date through and including the Trading Day next following the expiration or termination of this Agreement as provided in Article VIII (the "**Restricted Period**"), none of the Investor, its officers, its sole member, or any entity managed or controlled by the Investor or its sole member (collectively, the "**Restricted Persons**" and each of the foregoing is referred to herein as a "**Restricted Person**") shall, directly or indirectly, (i) engage in any Short Sales of the Common Stock or (ii) hedging transaction, which establishes a net short position with respect to the Common Stock, with respect to each of clauses (i) and (ii) hereof, either for its own account or for the account of any other Restricted Person. Notwithstanding the foregoing, it is expressly understood and agreed that nothing contained herein shall (without implication that the contrary would otherwise be true) prohibit any Restricted Person during the Restricted Period from: (1) selling "long" (as defined under Rule 200 promulgated under Regulation SHO) the Securities; or (2) selling a number of shares of Common Stock equal to the number of Shares that the Investor is unconditionally obligated to purchase under any pending VWAP Purchase Notice or any pending Intraday VWAP Purchase Notice (as applicable), but has not yet received from the Company or its transfer agent pursuant to this Agreement, so long as (X) the Investor (or its Broker-Dealer, as applicable) delivers the Shares purchased pursuant to such pending VWAP Purchase Notice and the Shares purchased pursuant to such pending Intraday VWAP Purchase Notice (as applicable) to the purchaser thereof promptly upon the Investor's receipt of such Shares from the Company in accordance with Section 3.3 of this Agreement and (Y) neither the Company or its transfer agent shall have failed for any reason to deliver such Shares to the Investor or its Broker-Dealer so that such Shares are timely received by the Investor as DWAC Shares on the applicable Purchase Share Delivery Date for such VWAP Purchase and for such Intraday VWAP Purchases (as applicable) in accordance with Section 3.3 of this Agreement.

(ii) In addition to the foregoing, in connection with any sale of Securities (including any sale permitted by paragraph (i) above), the Investor shall comply in all respects with all applicable laws, rules, regulations and orders, including, without limitation, the requirements of the Securities Act and the Exchange Act.

Section 6.10. Effective Registration Statement. During the Investment Period, the Company shall use its commercially reasonable efforts to maintain the continuous effectiveness of the Initial Registration Statement and each New Registration Statement filed with the Commission under the Securities Act for the applicable Registration Period pursuant to and in accordance with the Registration Rights Agreement.

Section 6.11. Blue Sky. The Company shall take such action, if any, as is necessary by the Company in order to obtain an exemption for or to qualify the Securities for sale by the Company to the Investor pursuant to the Transaction Documents, and at the request of the Investor, the subsequent resale of Registrable Securities by the Investor, in each case, under applicable state securities or "Blue Sky" laws and shall provide evidence of any such action so taken to the Investor from time to time following the Closing Date; 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 6.11, (y) subject itself to general taxation in any such jurisdiction, or (z) file a general consent to service of process in any such jurisdiction.

Section 6.12. Non-Public Information. None of the Company, its Subsidiaries or any of their respective directors, officers, employees or agents shall, at any time from and after the Commencement Date, disclose any material non-public information about the Company to the Investor, 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 of its Subsidiaries, or any of their respective directors, officers, employees and agents (as determined in the reasonable good faith judgment of the Investor), (i) the Investor shall promptly provide written notice of such breach to the Company and (ii) after such notice has been provided to the Company and, provided that the Company shall have failed to publicly disclose such material, non-public information within 24 hours following demand therefor by 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, any of its Subsidiaries, or any of their respective directors, officers, employees or agents. The Investor shall not have any liability to the Company, any of its Subsidiaries, or any of their respective directors, officers, employees, stockholders or agents, for any such disclosure.

Section 6.13. Broker-Dealer. The Investor shall use one or more broker-dealers to effectuate all sales, if any, of the Securities that it may purchase or otherwise acquire from the Company pursuant to the Transaction Documents, as applicable, which (or whom) shall be a DTC participant (collectively, the “*Broker-Dealer*”). The Investor shall, from time to time, provide the Company and the Company’s transfer agent with all information regarding the Broker-Dealer reasonably requested by the Company. The Investor shall be solely responsible for all fees and commissions of the Broker-Dealer (if any), which shall not exceed customary brokerage fees and commissions and shall be responsible for designating only a DTC participant eligible to receive DWAC Shares.

Section 6.14. Disclosure Schedule.

(i) The Company may, from time to time, update the Disclosure Schedule as may be required to satisfy the conditions set forth in Section 7.2(i) and Section 7.3(i) (to the extent such condition set forth in Section 7.3(i) relates to the condition in Section 7.2(i) as of a specific Purchase Condition Satisfaction Time). For purposes of this Section 6.14, any disclosure made in a schedule to the Compliance Certificate shall be deemed to be an update of the Disclosure Schedule. Notwithstanding anything in this Agreement to the contrary, no update to the Disclosure Schedule pursuant to this Section 6.14 shall cure any breach of a representation or warranty of the Company contained in this Agreement and made prior to the update and shall not affect any of the Investor’s rights or remedies with respect thereto.

(ii) Notwithstanding anything to the contrary contained in the Disclosure Schedule or in this Agreement, the information and disclosure contained in any Schedule of the Disclosure Schedule shall be deemed to be disclosed and incorporated by reference in any other Schedule of the Disclosure Schedule as though fully set forth in such Schedule for which applicability of such information and disclosure is readily apparent on its face. The fact that any item of information is disclosed in the Disclosure Schedule shall not be construed to mean that such information is required to be disclosed by this Agreement. Except as expressly set forth in this Agreement, such information and the thresholds (whether based on quantity, qualitative characterization, dollar amounts or otherwise) set forth herein shall not be used as a basis for interpreting the terms “material” or “Material Adverse Effect” or other similar terms in this Agreement.

Section 6.15. Delivery of Bring Down Opinions and Compliance Certificates Upon Occurrence of Certain Events. Within three (3) Trading Days immediately following (i) the end of each PEA Period, if the Company is required under the Securities Act to file with the Commission (A) a post-effective amendment to the Initial Registration Statement required to be filed by the Company with the Commission pursuant to Section 2(a) of the Registration Rights Agreement, (B) a New Registration Statement required to be filed by the Company with the Commission pursuant to Section 2(c) of the Registration Rights Agreement, or (C) a post-effective amendment to a New Registration Statement required to be filed by the Company with the Commission pursuant to Section 2(c) of the Registration Rights Agreement, in each case with respect to a fiscal year ending after the Commencement Date, to register the resale of Securities by the Investor under the Securities Act pursuant to this Agreement and the Registration Rights Agreement, and (ii) the date the Company files with the Commission (A) a Prospectus Supplement to the Prospectus contained in the Initial Registration Statement or any New Registration Statement under the Securities Act, (B) an annual report on Form 10-K under the Exchange Act with respect to a fiscal year ending after the Commencement Date, (C) an amendment on Form 10-K/A to an annual report on Form 10-K under the Exchange Act with respect to a fiscal year ending after the Commencement Date, which contains amended material financial information (or a restatement of material financial information) or an amendment to other material information contained in a previously filed Form 10-K, and (D) a Commission Document under the Exchange Act (other than those referred to in clauses (ii)(A) and (ii)(B) of this Section 6.15), which contains amended material financial information (or a restatement of material financial information) or an amendment to other material information contained or incorporated by reference in the Initial Registration Statement, any New Registration Statement,

or the Prospectus or any Prospectus Supplement contained in the Initial Registration Statement or any New Registration Statement (it being hereby acknowledged and agreed that the filing by the Company with the Commission of a quarterly report on Form 10-Q, or a Prospectus Supplement containing such quarterly report on Form 10-Q, that includes only updated financial information as of the end of the Company's most recent fiscal quarter shall not, in and of itself, constitute an "amendment" or "restatement" for purposes of clause (ii) of this Section 6.15), in each case of this clause (ii) if the Company is not also then required under the Securities Act to file a post-effective amendment to the Initial Registration Statement, any New Registration Statement or a post-effective amendment to any New Registration Statement, in each case with respect to a fiscal year ending after the Commencement Date, to register the resale of Securities by the Investor under the Securities Act pursuant to this Agreement and the Registration Rights Agreement, and in any case of this clause (ii), not more than once per calendar quarter, the Company shall (I) deliver to the Investor a Compliance Certificate, dated such date, and (II) cause to be furnished to the Investor an opinion "bring down" from outside counsel to the Company substantially in the form mutually agreed to by the Company and the Investor prior to the date of this Agreement, modified, as necessary, to relate to such Registration Statement or post-effective amendment, or the Prospectus contained therein as then amended or supplemented by such Prospectus Supplement, as applicable (each such opinion, a "**Bring Down Opinion**").

ARTICLE VII CONDITIONS TO CLOSING, COMMENCEMENT AND PURCHASES

Section 7.1. Conditions Precedent to Closing. The Closing is subject to the satisfaction of each of the conditions set forth in this Section 7.1 on the Closing Date.

(i) **Accuracy of the Investor's Representations and Warranties.** The representations and warranties of the Investor contained in this Agreement (a) that are not qualified by "materiality" shall be true and correct in all material respects as of the Closing Date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct in all material respects as of such other date and (b) that are qualified by "materiality" shall be true and correct as of the Closing Date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct as of such other date.

(ii) **Accuracy of the Company's Representations and Warranties.** The representations and warranties of the Company contained in this Agreement (a) that are not qualified by "materiality" or "Material Adverse Effect" shall be true and correct in all material respects as of the Closing Date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct in all material respects as of such other date and (b) that are qualified by "materiality" or "Material Adverse Effect" shall be true and correct as of the Closing Date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct as of such other date.

(iii) **Payment of Investor Expense Reimbursement; Issuance of Initial Commitment Shares.** On or prior to the Closing Date, the Company shall have paid by wire transfer of immediately available funds to an account designated by the Investor (or the Investor's counsel) on or prior to the date hereof, the Investor Expense Reimbursement in accordance with Section 10.1(i). On the Closing Date, the Company shall deliver irrevocable instructions to its transfer agent to issue to the Investor, not later than 4:00 p.m. (New York City time) on the Trading Day immediately following the Closing Date, a certificate or book-entry statement representing the Initial Commitment Shares in the name of the Investor or its designee (in which case such designee name shall have been provided to the Company prior to the Closing Date), in consideration for the Investor's execution and delivery of this Agreement. Such certificate or book-entry statement shall be delivered to the Investor by email and by overnight courier at its address set forth in Section 10.4 hereof. For the avoidance of doubt, all of the Initial Commitment Shares shall be fully earned as of the Closing Date, regardless of whether the Commencement occurs or whether any VWAP Purchases or Intraday VWAP Purchases are made or settled hereunder or any subsequent termination of this Agreement.

(iv) **Closing Deliverables.** At the Closing, counterpart signature pages of this Agreement and the Registration Rights Agreement executed by each of the parties hereto shall be delivered as provided in Section 2.2. Simultaneously with the execution and delivery of this Agreement and the Registration Rights Agreement, the Investor's counsel shall have received (a) the opinion letter of outside counsel to the Company, dated the Closing Date, in the form mutually agreed to by the Company and the Investor prior to the date of this Agreement, (b) the closing certificate from the Company, dated the Closing Date, in the form of Exhibit B hereto, and (c) a copy of the irrevocable instructions to the Company's transfer agent regarding the issuance to the Investor or its designee of the certificate(s) or book-entry statement(s) representing the Initial Commitment Shares pursuant to and in accordance with Section 10.1(ii)(a) hereof.

Section 7.2. Conditions Precedent to Commencement. The right of the Company to commence delivering VWAP Purchase Notices and Intraday VWAP Purchase Notices under this Agreement, and the obligation of the Investor to accept VWAP Purchase Notices and Intraday VWAP Purchase Notices timely delivered to the Investor by the Company under this Agreement, are subject to the initial satisfaction, at Commencement, of each of the conditions set forth in this Section 7.2.

(i) **Accuracy of the Company's Representations and Warranties.** The representations and warranties of the Company contained in this Agreement (a) that are not qualified by "materiality" or "Material Adverse Effect" shall have been true and correct in all material respects when made and shall be true and correct in all material respects as of the Commencement Date with the same force and effect as if made on such date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct in all material respects as of such other date and (b) that are qualified by "materiality" or "Material Adverse Effect" shall have been true and correct when made and shall be true and correct as of the Commencement Date with the same force and effect as if made on such date, except to the extent such representations and warranties are as of another date, in which case, such representations and warranties shall be true and correct as of such other date.

(ii) **Performance of the Company.** The Company shall have performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by this Agreement and the Registration Rights Agreement to be performed, satisfied or complied with by the Company at or prior to the Commencement. The Company shall deliver to the Investor on the Commencement Date the compliance certificate substantially in the form attached hereto as Exhibit C (the "**Compliance Certificate**").

(iii) **Initial Registration Statement Effective.** The Initial Registration Statement covering the resale by the Investor of the Registrable Securities included therein required to be filed by the Company with the Commission pursuant to Section 2(a) of the Registration Rights Agreement shall have been declared effective under the Securities Act by the Commission, and the Investor shall be permitted to utilize the Prospectus therein to resell (i) all of the Initial Commitment Shares, (ii) all of the Additional Commitment Shares and (iii) all of the Shares included in such Prospectus.

(iv) **No Material Notices.** None of the following events shall have occurred and be continuing: (a) receipt of any request by the Commission or any other federal or state Governmental Authority for any additional information relating to the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto, or for any amendment of or supplement to the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto; (b) the issuance by the Commission or any other federal or state Governmental Authority of any stop order suspending the effectiveness of the Initial Registration Statement or prohibiting or suspending the use of the Prospectus contained therein or any Prospectus Supplement thereto, or of the suspension of qualification or exemption from qualification of the Securities for offering or sale in any jurisdiction, or the initiation or contemplated initiation of any proceeding for such purpose; or (c) the occurrence of any event or the existence of any condition or state of facts, which makes any statement of a material fact made in the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto untrue or which requires the making of any additions to or changes to the statements then made in the Initial Registration Statement, the Prospectus contained therein or any Prospectus Supplement thereto in order to state a material fact required by the Securities Act to be stated therein or necessary in order to make the statements then made therein (in the case of the Prospectus or any Prospectus Supplement, in light of the circumstances under which they were made) not misleading, or which requires an amendment to the Initial Registration Statement or a supplement to the Prospectus contained therein or any Prospectus Supplement thereto to comply with the Securities Act or any other law. The Company shall have no Knowledge of any event that could reasonably be expected to have the effect of causing the suspension of the effectiveness of the Initial Registration Statement or the prohibition or suspension of the use of the Prospectus contained therein or any Prospectus Supplement thereto in connection with the resale of the Registrable Securities by the Investor.

(v) **Other Commission Filings.** The Current Report and the Form D shall have been filed with the Commission as required pursuant to Section 2.3. The final Prospectus included in the Initial Registration Statement shall have been filed with the Commission prior to Commencement in accordance with Section 2.3 and the Registration Rights Agreement. All reports, schedules, registrations, forms, statements, information and other documents required to have been filed by the Company with the Commission pursuant to the reporting requirements of the Exchange Act, including all material required to have been filed pursuant to Section 13(a) or 15(d) of the Exchange Act, prior to Commencement shall have been filed with the Commission.

(vi) **No Suspension of Trading in or Notice of Delisting of Common Stock.** Trading in the Common Stock shall not have been suspended by the Commission, the Trading Market or the FINRA (except for any suspension of trading of limited duration

agreed to by the Company, which suspension shall be terminated prior to the Commencement Date), the Company shall not have received any final and non-appealable notice that the listing or quotation of the Common Stock on the Trading Market shall be terminated on a date certain (unless, prior to such date certain, the Common Stock is listed or quoted on any other Eligible Market), nor shall there have been imposed any suspension of, or restriction on, accepting additional deposits of the Common Stock, electronic trading or book-entry services by DTC with respect to the Common Stock that is continuing, the Company shall not have received any notice from DTC to the effect that a suspension of, or restriction on, accepting additional deposits of the Common Stock, electronic trading or book-entry services by DTC with respect to the Common Stock is being imposed or is contemplated (unless, prior to such suspension or restriction, DTC shall have notified the Company in writing that DTC has determined not to impose any such suspension or restriction).

(vii) **Compliance with Laws**. The Company shall have complied with all applicable federal, state and local governmental laws, rules, regulations and ordinances in connection with the execution, delivery and performance of this Agreement and the other Transaction Documents to which it is a party and the consummation of the transactions contemplated hereby and thereby, including, without limitation, the Company shall have obtained all permits and qualifications required by any applicable state securities or “Blue Sky” laws for the offer and sale of the Securities by the Company to the Investor and the subsequent resale of the Registrable Securities by the Investor (or shall have the availability of exemptions therefrom).

(viii) **No Injunction**. No statute, regulation, order, decree, writ, ruling or injunction shall have been enacted, entered, promulgated, threatened or endorsed by any court or Governmental Authority of competent jurisdiction which prohibits the consummation of or which would materially modify or delay any of the transactions contemplated by the Transaction Documents.

(ix) **No Proceedings or Litigation**. No action, suit or proceeding before any arbitrator or any court or Governmental Authority shall have been commenced, and no inquiry or investigation by any Governmental Authority shall have been commenced, against the Company or any Subsidiary, or any of the officers, directors or Affiliates of the Company or any Subsidiary, seeking to restrain, prevent or change the transactions contemplated by the Transaction Documents, or seeking material damages in connection with such transactions.

(x) **Listing of Securities**. All of the Securities that have been and may be issued pursuant to this Agreement shall have been approved for listing or quotation on the Trading Market (or on an Eligible Market) as of the Commencement Date, subject only to notice of issuance.

(xi) **No Material Adverse Effect**. No condition, occurrence, state of facts or event constituting a Material Adverse Effect shall have occurred and be continuing.

(xii) **No Bankruptcy Proceedings**. No Person shall have commenced a proceeding against the Company pursuant to or within the meaning of any Bankruptcy Law. The Company shall not have, pursuant to or within the meaning of any Bankruptcy Law, (a) commenced a voluntary case, (b) consented to the entry of an order for relief against it in an involuntary case, (c) consented to the appointment of a Custodian of the Company or for all or substantially all of its property, or (d) made a general assignment for the benefit of its creditors. A court of competent jurisdiction shall not have entered an order or decree under any Bankruptcy Law that (I) is for relief against the Company in an involuntary case, (II) appoints a Custodian of the Company or for all or substantially all of its property, or (III) orders the liquidation of the Company or any of its Subsidiaries.

(xiii) **Initial Commitment Shares Issued as DWAC Shares**. The Company shall have caused the Company’s transfer agent to credit the Investor’s or its designee’s account at DTC as DWAC Shares such number of shares of Common Stock equal to the number of Initial Commitment Shares issued to the Investor pursuant to Section 10.1(ii)(a) hereof, in accordance with Section 10.1(iv) hereof.

(xiv) **Delivery of Commencement Irrevocable Transfer Agent Instructions and Notice of Effectiveness**. The Commencement Irrevocable Transfer Agent Instructions shall have been executed by the Company and delivered to acknowledged in writing by the Company’s transfer agent, and the Notice of Effectiveness relating to the Initial Registration Statement shall have been executed by the Company’s outside counsel and delivered to the Company’s transfer agent, in each case directing such transfer agent to issue to the Investor or its designated Broker-Dealer all of the Initial Commitment Shares, all of the Additional Commitment Shares and

all of the Shares included in the Initial Registration Statement as DWAC Shares in accordance with this Agreement and the Registration Rights Agreement.

(xv) **Reservation of Shares.** As of the Commencement Date, the Company shall have reserved out of its authorized and unissued Common Stock, (i) 65,907 shares of Common Stock solely for the purpose of issuing Additional Commitment Shares to be issued and delivered to the Investor under Section 10.1(ii)(b) hereof in such amounts and within the time periods specified in Section 10.1(ii)(b) hereof, and (ii) at least 24,912,000 shares of Common Stock solely for the purpose of issuing Shares pursuant to VWAP Purchases and Intraday VWAP Purchases that may be effected by the Company, in its sole discretion, from and after the Commencement Date under this Agreement.

(xvi) **Opinions and Bring-Down Opinions of Company Counsel.** On the Commencement Date, the Investor shall have received the opinions, bring-down opinions and negative assurances from outside counsel to the Company, dated the Commencement Date, in the forms mutually agreed to by the Company and the Investor prior to the date of this Agreement.

Section 7.3. Conditions Precedent to Purchases after Commencement Date. The right of the Company to deliver VWAP Purchase Notices and Intraday VWAP Purchase Notices under this Agreement after the Commencement Date, and the obligation of the Investor to accept VWAP Purchase Notices and Intraday VWAP Purchase Notices timely delivered to the Investor by the Company under this Agreement after the Commencement Date, are subject to the satisfaction of each of the conditions set forth in this Section 7.3, (X) with respect to a VWAP Purchase Notice for a VWAP Purchase that is timely delivered by the Company to the Investor in accordance with this Agreement, as of the VWAP Purchase Commencement Time of the applicable VWAP Purchase Period for such VWAP Purchase to be effected pursuant to such VWAP Purchase Notice and (Y) with respect to an Intraday VWAP Purchase Notice for an Intraday VWAP Purchase that is timely delivered by the Company to the Investor in accordance with this Agreement, as of the Intraday VWAP Purchase Commencement Time of the applicable Intraday VWAP Purchase Period for such Intraday VWAP Purchase to be effected pursuant to such Intraday VWAP Purchase Notice (each such VWAP Purchase Commencement Time (with respect to a VWAP Purchase Notice) and each such Intraday VWAP Purchase Commencement Time (with respect to an Intraday VWAP Purchase Notice), at which time all such conditions must be satisfied, a “*Purchase Condition Satisfaction Time*”).

(i) **Satisfaction of Certain Prior Conditions.** Each of the conditions set forth in subsections (i), (ii), and (vii) through (xiv) set forth in Section 7.2 shall be satisfied at the applicable Purchase Condition Satisfaction Time after the Commencement Date (with the terms “Commencement” and “Commencement Date” in the conditions set forth in subsections (i) and (ii) of Section 7.2 replaced with “applicable Purchase Condition Satisfaction Time”); provided, however, that the Company shall not be required to deliver the Compliance Certificate after the Commencement Date, except as provided in Section 6.15 and Section 7.3(x).

(ii) **Initial Registration Statement Effective.** The Initial Registration Statement covering the resale by the Investor of the Registrable Securities included therein filed by the Company with the Commission pursuant to Section 2(a) of the Registration Rights Agreement, and any post-effective amendment thereto required to be filed by the Company with the Commission after the Commencement Date and prior to the applicable Purchase Date pursuant to the Registration Rights Agreement, in each case shall have been declared effective under the Securities Act by the Commission and shall remain effective for the applicable Registration Period, and the Investor shall be permitted to utilize the Prospectus therein, and any Prospectus Supplement thereto, to resell (a) all of the Initial Commitment Shares, (b) all of the Additional Commitment Shares and (c) all of the Shares included in the Initial Registration Statement, and any post-effective amendment thereto, that have been issued and sold to the Investor hereunder pursuant to all VWAP Purchase Notices and Intraday VWAP Purchase Notices (as applicable) delivered by the Company to the Investor prior to such applicable Purchase Date and (c) all of the Shares included in the Initial Registration Statement, and any post-effective amendment thereto, that are issuable pursuant to the applicable VWAP Purchase Notice or Intraday VWAP Purchase Notice (as applicable) delivered by the Company to the Investor with respect to a VWAP Purchase or an Intraday VWAP Purchase (as applicable) to be effected hereunder on such applicable Purchase Date.

(iii) **Any Required New Registration Statement Effective.** Any New Registration Statement covering the resale by the Investor of the Registrable Securities included therein, and any post-effective amendment thereto, required to be filed by the Company with the Commission pursuant to the Registration Rights Agreement after the Commencement Date and prior to the applicable Purchase Date for such VWAP Purchase or Intraday VWAP Purchase (as applicable), in each case shall have been declared effective under the Securities Act by the Commission and shall remain effective for the applicable Registration Period, and the Investor shall be permitted to utilize the Prospectus therein, and any Prospectus Supplement thereto, to resell (a) all of the Initial Commitment Shares (if any) included in such New Registration Statement, and any post-effective amendment thereto, (b) all of the Additional Commitment Shares included in such New Registration Statement, and any post-effective amendment thereto, (c) all of the Shares included in such New Registration

Statement, and any post-effective amendment thereto, that have been issued and sold to the Investor hereunder pursuant to all VWAP Purchase Notices and Intraday VWAP Purchase Notices (as applicable) delivered by the Company to the Investor prior to such applicable Purchase Date and (d) all of the Shares included in such new Registration Statement, and any post-effective amendment thereto, that are issuable pursuant to the applicable VWAP Purchase Notice or Intraday VWAP Purchase Notice (as applicable) delivered by the Company to the Investor with respect to a VWAP Purchase or an Intraday VWAP Purchase (as applicable) to be effected hereunder on such applicable Purchase Date.

(iv) **Delivery of Subsequent Irrevocable Transfer Agent Instructions and Notice of Effectiveness**. With respect to any post-effective amendment to the Initial Registration Statement, any New Registration Statement or any post-effective amendment to any New Registration Statement, in each case declared effective by the Commission after the Commencement Date, the Company shall have delivered or caused to be delivered to the Company's transfer agent (a) irrevocable instructions in the form substantially similar to the Commencement Irrevocable Transfer Agent Instructions executed by the Company and acknowledged in writing by its transfer agent and (b) the Notice of Effectiveness, in each case modified as necessary to refer to such Registration Statement or post-effective amendment and the Registrable Securities included therein, to issue the Registrable Securities included therein as DWAC Shares in accordance with the terms of this Agreement and the Registration Rights Agreement.

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(v) **No Material Notices**. None of the following events shall have occurred and be continuing: (a) receipt of any request by the Commission or any other federal or state Governmental Authority for any additional information relating to the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto, or for any amendment of or supplement to the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto; (b) the issuance by the Commission or any other federal or state Governmental Authority of any stop order suspending the effectiveness of the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or prohibiting or suspending the use of the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto, or of the suspension of qualification or exemption from qualification of the Securities for offering or sale in any jurisdiction, or the initiation or contemplated initiation of any proceeding for such purpose; or (c) the occurrence of any event or the existence of any condition or state of facts, which makes any statement of a material fact made in the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto untrue or which requires the making of any additions to or changes to the statements then made in the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto in order to state a material fact required by the Securities Act to be stated therein or necessary in order to make the statements then made therein (in the case of the Prospectus or any Prospectus Supplement, in light of the circumstances under which they were made) not misleading, or which requires an amendment to the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto to comply with the Securities Act or any other law (other than the transactions contemplated by the applicable VWAP Purchase Notice delivered by the Company to the Investor with respect to a VWAP Purchase, or the applicable Intraday VWAP Purchase Notice delivered by the Company to the Investor with respect to an Intraday VWAP Purchase (as applicable) to be effected hereunder on such applicable Purchase Date and the settlement thereof). The Company shall have no Knowledge of any event that could reasonably be expected to have the effect of causing the suspension of the effectiveness of the Initial Registration Statement or any post-effective amendment thereto, any New Registration Statement or any post-effective amendment thereto, or the prohibition or suspension of the use of the Prospectus contained in any of the foregoing or any Prospectus Supplement thereto in connection with the resale of the Registrable Securities by the Investor.

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(vi) **Other Commission Filings**. The final Prospectus included in any post-effective amendment to the Initial Registration Statement, and any Prospectus Supplement thereto, required to be filed by the Company with the Commission pursuant to Section 2.3 and the Registration Rights Agreement after the Commencement Date and prior to the applicable Purchase Date for such VWAP Purchase or such Intraday VWAP Purchase (as applicable), shall have been filed with the Commission in accordance with Section 2.3 and the Registration Rights Agreement. The final Prospectus included in any New Registration Statement and in any post-effective amendment thereto, and any Prospectus Supplement thereto, required to be filed by the Company with the Commission pursuant to Section 2.3 and the Registration Rights Agreement after the Commencement Date and prior to the applicable Purchase Date for such VWAP Purchase or such Intraday VWAP Purchase (as applicable), shall have been filed with the Commission in accordance with Section

2.3 and the Registration Rights Agreement. All reports, schedules, registrations, forms, statements, information and other documents required to have been filed by the Company with the Commission pursuant to the reporting requirements of the Exchange Act, including all material required to have been filed pursuant to Section 13(a) or 15(d) of the Exchange Act, after the Commencement Date and prior to the applicable Purchase Date for such VWAP Purchase or such Intraday VWAP Purchase (as applicable), shall have been filed with the Commission and, if any Registrable Securities are covered by a Registration Statement on Form S-3, such filings shall have been made within the applicable time period prescribed for such filing under the Exchange Act.

(vii) **No Suspension of Trading in or Notice of Delisting of Common Stock**. Trading in the Common Stock shall not have been suspended by the Commission, the Trading Market (or Eligible Market, as applicable) or FINRA (except for any suspension of trading of limited duration agreed to by the Company, which suspension shall be terminated prior to the applicable Purchase Date for such VWAP Purchase or such Intraday VWAP Purchase (as applicable)), the Company shall not have received any final and non-appealable notice that the listing or quotation of the Common Stock on the Trading Market (or Eligible Market, as applicable) shall be terminated on a date certain (unless, prior to such date certain, the Common Stock is listed or quoted on any other Eligible Market), nor shall there have been imposed any suspension of, or restriction on, accepting additional deposits of the Common Stock, electronic trading or book-entry services by DTC with respect to the Common Stock that is continuing, the Company shall not have received any notice from DTC to the effect that a suspension of, or restriction on, accepting additional deposits of the Common Stock, electronic trading or book-entry services by DTC with respect to the Common Stock is being imposed or is contemplated (unless, prior to such suspension or restriction, DTC shall have notified the Company in writing that DTC has determined not to impose any such suspension or restriction).

(viii) **Certain Limitations**. The issuance and sale of the Shares issuable pursuant to the applicable VWAP Purchase Notice or the applicable Intraday VWAP Purchase Notice (as applicable) shall not (a) exceed, in the case of a VWAP Purchase Notice, the VWAP Purchase Maximum Amount applicable to such VWAP Purchase Notice or, in the case of an Intraday VWAP Purchase Notice, the Intraday VWAP Purchase Maximum Amount applicable to such Intraday VWAP Purchase Notice, (b) cause the aggregate number of shares of Common Stock issued pursuant to this Agreement to exceed the Aggregate Limit, (c) cause the Investor to beneficially own (under Section 13(d) of the Exchange Act and Rule 13d-3 promulgated thereunder) shares of Common Stock in excess of the Beneficial Ownership Limitation, or (d) if and to the extent the Exchange Cap is then applicable under Section 3.4, cause the aggregate number of shares of Common Stock issued pursuant to this Agreement to exceed the Exchange Cap, unless in the case of this clause (d), the Company's stockholders have theretofore approved the issuance of such shares of Common Stock in excess of the Exchange Cap in accordance with the applicable rules of the Trading Market.

(ix) **Shares and Additional Commitment Shares Authorized and Delivered**. All of the Shares issuable pursuant to the applicable VWAP Purchase Notice or Intraday VWAP Purchase Notice (as applicable) shall have been duly authorized by all necessary corporate action of the Company. All Shares relating to all prior VWAP Purchase Notices and all prior Intraday VWAP Purchase Notices, and all Additional Commitment Shares to be issued to the Investor at such time and in such amounts as set forth in Section 10.1(ii)(b) of this Agreement, required to have been received by the Investor as DWAC Shares under this Agreement prior to the applicable Purchase Condition Satisfaction Time for the applicable VWAP Purchase or Intraday VWAP Purchase (as applicable) shall have been delivered to the Investor as DWAC Shares in accordance with this Agreement.

(x) **Bring-Down Opinions of Company Counsel**. The Investor shall have received (a) all Bring Down Opinions from outside counsel to the Company for which the Company was obligated to instruct its outside counsel to deliver to the Investor prior to the applicable Purchase Condition Satisfaction Time for the applicable VWAP Purchase or Intraday VWAP Purchase (as applicable) and (b) all Compliance Certificates from the Company that the Company was obligated to deliver to the Investor prior to the applicable Purchase Condition Satisfaction Time for the applicable VWAP Purchase or Intraday VWAP Purchase (as applicable), in each case in accordance with Section 6.15.

ARTICLE VIII TERMINATION

Section 8.1. Automatic Termination. Unless earlier terminated as provided hereunder, this Agreement shall terminate automatically on the earliest to occur of (i) the first day of the month next following the 24-month anniversary of the Commencement Date, (ii) the date on which the Investor shall have purchased from the Company, pursuant to all VWAP Purchases and Intraday VWAP Purchases that have occurred and fully settled pursuant to this Agreement, an aggregate number of Shares for a total aggregate gross purchase price to the Company equal to the Total Commitment, (iii) the date on which the Common Stock shall have failed to be listed or quoted on the Trading Market or any Eligible Market for a period of one (1) Trading Day, (iv) the thirtieth (30th) Trading Day next following the date on which, 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, in each case that is not discharged or dismissed prior to such thirtieth (30th) Trading Day, and (v) the date on which, pursuant to or within the meaning of any Bankruptcy Law, 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.

Section 8.2. Other Termination. Subject to Section 8.3, the Company may terminate this Agreement after the Commencement Date effective upon five (5) Trading Days' prior written notice to the Investor in accordance with Section 10.4; provided, however, that (i) the Company shall have issued all of the Initial Commitment Shares required to be issued to the Investor pursuant to Section 10.1(ii)(a) of this Agreement and such number of Additional Commitment Shares required to be issued to the Investor at or prior to such termination pursuant to Section 10.1(ii)(b) of this Agreement, and shall have paid the Investor Expense Reimbursement required to be paid to the Investor or its counsel pursuant to Section 10.1(i) of this Agreement, in each case prior to such termination, and (ii) prior to issuing any press release, or making any public statement or announcement, with respect to such termination, the Company shall consult with the Investor and its counsel on the form and substance of such press release or other disclosure. Subject to Section 8.3, this Agreement may be terminated at any time by the mutual written consent of the parties, effective as of the date of such mutual written consent unless otherwise provided in such written consent. Subject to Section 8.3, the Investor shall have the right to terminate this Agreement effective upon five (5) Trading Days' prior written notice to the Company in accordance with Section 10.4, if: (a) any condition, occurrence, state of facts or event constituting a Material Adverse Effect has occurred and is continuing; (b) a Fundamental Transaction shall have occurred; (c) the Initial Registration Statement and any New Registration Statement is not filed by the applicable Filing Deadline therefor or declared effective by the Commission by the applicable Effectiveness Deadline (as defined in the Registration Rights Agreement) therefor, or the Company is otherwise in breach or default in any material respect under any of the other provisions of the Registration Rights Agreement, and, if such failure, breach or default is capable of being cured, such failure, breach or default is not cured within ten (10) Trading Days after notice of such failure, breach or default is delivered to the Company pursuant to Section 10.4; (d) while a Registration Statement, or any post-effective amendment thereto, is required to be maintained effective pursuant to the terms of the Registration Rights Agreement and the Investor holds any Registrable Securities, the effectiveness of such Registration Statement, or any post-effective amendment thereto, lapses for any reason (including, without limitation, the issuance of a stop order by the Commission) or such Registration Statement or any post-effective amendment thereto, the Prospectus contained therein or any Prospectus Supplement thereto otherwise becomes unavailable to the Investor for the resale of all of the Registrable Securities included therein in accordance with the terms of the Registration Rights Agreement, and such lapse or unavailability continues for a period of forty-five (45) consecutive Trading Days or for more than an aggregate of ninety (90) Trading Days in any 365-day period, other than due to acts of the Investor; (e) trading in the Common Stock on the Trading Market (or if the Common Stock is then listed on an Eligible Market, trading in the Common Stock on such Eligible Market) shall have been suspended and such suspension continues for a period of five (5) consecutive Trading Days; or (f) the Company is in material breach or default of this Agreement, and, if such breach or default is capable of being cured, such breach or default is not cured within ten (10) Trading Days after notice of such breach or default is delivered to the Company pursuant to Section 10.4. Unless notification thereof is required elsewhere in this Agreement (in which case such notification shall be provided in accordance with such other provision), the Company shall promptly (but in no event later than twenty-four (24) hours) notify the Investor (and, if required under applicable law, including, without limitation, Regulation FD promulgated by the Commission, or under the applicable rules and regulations of the Trading Market (or Eligible Market, as applicable), the Company shall publicly disclose such information in accordance with Regulation FD and the applicable rules and regulations of the Trading Market (or Eligible Market, as applicable)) upon becoming aware of any of the events set forth in the immediately preceding sentence.

Section 8.3. Effect of Termination. In the event of termination by the Company or the Investor (other than by mutual termination) pursuant to Section 8.2, written notice thereof shall forthwith be given to the other party as provided in Section 10.4 and the transactions contemplated by this Agreement shall be terminated without further action by either party. If this Agreement is terminated as provided in Section 8.1 or Section 8.2, this Agreement shall become void and of no further force and effect, except that (i) the provisions of Article V (Representations, Warranties and Covenants of the Company), Article IX (Indemnification), Article X (Miscellaneous) and this Article VIII (Termination) shall remain in full force and effect indefinitely notwithstanding such termination, and, (ii) so long as the Investor owns any Securities, the covenants and agreements of the Company contained in Article VI (Additional Covenants) shall remain in full force and notwithstanding such termination for a period of six (6) months following such termination. Notwithstanding anything in this Agreement to the contrary, no termination of this Agreement by any party shall (i) become effective prior to the fifth (5th) Trading Day immediately following the settlement date related to any pending VWAP Purchase or any pending Intraday VWAP Purchase (as applicable) that has not been fully settled in accordance with the terms and conditions of this Agreement (it being hereby acknowledged and agreed that no termination of this Agreement shall limit, alter, modify, change or otherwise affect any of the Company's or the Investor's rights or obligations under the Transaction Documents with respect to any pending VWAP Purchase and any pending Intraday VWAP Purchase (as applicable), and that the parties shall fully perform their respective obligations with respect to any such pending VWAP Purchase and any pending Intraday VWAP Purchase under the Transaction Documents), (ii) limit, alter, modify, change or otherwise affect the Company's or the Investor's rights or obligations under the Registration Rights Agreement, all of which shall survive

any such termination, (iii) affect any Initial Commitment Shares issued or issuable to the Investor pursuant to Section 10.1(ii)(a), all of which Initial Commitment Shares shall be fully earned as of the Closing Date, regardless of whether the Commencement shall have occurred, whether any VWAP Purchases or Intraday VWAP Purchases are made or settled hereunder or any subsequent termination of this Agreement, (iv) affect any Additional Commitment Shares that have been issued or are issuable to the Investor at or prior to such termination pursuant to Section 10.1(ii)(b), all of which Additional Commitment Shares shall be fully earned as of the time issued or issuable to the Investor under Section 10.1(ii)(b), regardless of whether any Intraday VWAP Purchases or Intraday VWAP Purchases are made or settled hereunder or any subsequent termination of this Agreement, or (v) affect the Investor Expense Reimbursement payable or paid to the Investor pursuant to Section 10.1(i). Nothing in this Section 8.3 shall be deemed to release the Company or the Investor from any liability for any breach or default under this Agreement or any of the other Transaction Documents to which it is a party, or to impair the rights of the Company and the Investor to compel specific performance by the other party of its obligations under the Transaction Documents to which it is a party.

ARTICLE IX INDEMNIFICATION

Section 9.1. Indemnification of Investor. In consideration of the Investor's execution and delivery of this Agreement and acquiring the Securities hereunder and in addition to all of the Company's other obligations under the Transaction Documents to which it is a party, subject to the provisions of this Section 9.1, the Company shall indemnify and hold harmless the Investor, each of its directors, officers, stockholders, members, partners, employees, representatives, agents and advisors (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title), each Person, if any, who controls the Investor (within the meaning of Section 15 of the Securities Act or Section 20(a) of the Exchange Act), and the respective directors, officers, stockholders, members, partners, employees, representatives, agents and advisors (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title) of such controlling Persons (each, an "**Investor Party**"), from and against all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses (including all judgments, amounts paid in settlement, court costs, reasonable attorneys' fees and costs of defense and investigation) (collectively, "**Damages**") that any Investor Party may suffer or incur as a result of or relating to (a) any breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement, the Registration Rights Agreement or in the other Transaction Documents to which it is a party or (b) any action, suit, claim or proceeding (including for these purposes a derivative action brought on behalf of the Company) instituted against such Investor Party arising out of or resulting from the execution, delivery, performance or enforcement of the Transaction Documents, other than claims for indemnification within the scope of Section 6 of the Registration Rights Agreement; provided, however, that (x) the foregoing indemnity shall not apply to any Damages to the extent, but only to the extent, that such Damages resulted directly and primarily from a breach of any of the Investor's representations, warranties, covenants or agreements contained in this Agreement or the Registration Rights Agreement, and (y) the Company shall not be liable under subsection (b) of this Section 9.1 to the extent, but only to the extent, that a court of competent jurisdiction shall have determined by a final judgment (from which no further appeals are available) that such Damages resulted directly and primarily from any acts or failures to act, undertaken or omitted to be taken by such Investor Party through its fraud, bad faith, gross negligence, or willful or reckless misconduct.

The Company shall reimburse any Investor Party promptly upon demand (with accompanying presentation of sufficiently detailed documentary evidence) for all legal and other costs and expenses reasonably incurred by such Investor Party in connection with (i) any action, suit, claim or proceeding, whether at law or in equity, to enforce compliance by the Company with any provision of the Transaction Documents or (ii) any other any action, suit, claim or proceeding, whether at law or in equity, with respect to which it is entitled to indemnification under this Section 9.1; provided that the Investor shall promptly reimburse the Company for all such legal and other costs and expenses to the extent a court of competent jurisdiction determines that any Investor Party was not entitled to such reimbursement.

An Investor Party's right to indemnification or other remedies based upon the representations, warranties, covenants and agreements of the Company set forth in the Transaction Documents shall not in any way be affected by any investigation or knowledge of such Investor Party. Such representations, warranties, covenants and agreements shall not be affected or deemed waived by reason of the fact that an Investor Party knew or should have known that any representation or warranty might be inaccurate or that the Company failed to comply with any agreement or covenant. Any investigation by such Investor Party shall be for its own protection only and shall not affect or impair any right or remedy hereunder.

To the extent that the foregoing undertakings by the Company set forth in this Section 9.1 may be unenforceable for any reason, the Company shall make the maximum contribution to the payment and satisfaction of each of the Damages which is permissible under applicable law.

Section 9.2. Indemnification Procedures. Promptly after an Investor Party receives notice of a claim or the commencement of an action for which the Investor Party intends to seek indemnification under Section 9.1, the Investor Party will notify the Company in writing of the claim or commencement of the action, suit or proceeding; provided, however, that failure to notify the Company will not relieve the Company from liability under Section 9.1, except to the extent it has been materially prejudiced by the failure to give notice. The Company will be entitled to participate in the defense of any claim, action, suit or proceeding as to which indemnification is being sought, and if the Company acknowledges in writing the obligation to indemnify the Investor Party against whom the claim or action is brought, the Company may (but will not be required to) assume the defense against the claim, action, suit or proceeding with counsel satisfactory to it. After the Company notifies the Investor Party that the Company wishes to assume the defense of a claim, action, suit or proceeding, the Company will not be liable for any further legal or other expenses incurred by the Investor Party in connection with the defense against the claim, action, suit or proceeding except that if, in the opinion of counsel to the Investor Party, it would be inappropriate under the applicable rules of professional responsibility for the same counsel to represent both the Company and such Investor Party. In such event, the Company will pay the reasonable fees and expenses of no more than one separate counsel for all such Investor Parties promptly as such fees and expenses are incurred. Each Investor Party, as a condition to receiving indemnification as provided in Section 9.1, will cooperate in all reasonable respects with the Company in the defense of any action or claim as to which indemnification is sought. The Company will not be liable for any settlement of any action effected without its prior written consent, which consent shall not be unreasonably withheld, delayed or conditioned. The Company will not, without the prior written consent of the Investor Party, effect any settlement of a pending or threatened action with respect to which an Investor Party is, or is informed that it may be, made a party and for which it would be entitled to indemnification, unless the settlement includes an unconditional release of the Investor Party from all liability and claims which are the subject matter of the pending or threatened action.

The remedies provided for in this Article IX are not exclusive and shall not limit any rights or remedies which may otherwise be available to any Investor Party at law or in equity.

ARTICLE X MISCELLANEOUS

Section 10.1. Certain Fees and Expenses; Commitment Shares; Commencement Irrevocable Transfer Agent Instructions.

(i) **Certain Fees and Expenses.** Each party shall bear its own fees and expenses related to the transactions contemplated by this Agreement; provided, however, that the Company, prior to the Closing Date, has paid to the Investor, by wire transfer of immediately available funds to an account designated by the Investor prior to the date of this Agreement, in connection with the preparation, negotiation, execution and delivery of the Transaction Documents and legal due diligence of the Company, \$75,000 as reimbursement for the Investor's reasonable legal fees and disbursements incurred by the Investor in connection with the transaction contemplated by the Transaction Documents (the "***Investor Expense Reimbursement***"). The Company shall pay all U.S. federal, state and local stamp and other similar transfer and other taxes and duties levied in connection with issuance of the Securities pursuant hereto.

(ii) **Commitment Shares.**

(a) **Initial Commitment Shares.** In consideration for the Investor's execution and delivery of this Agreement, concurrently with the execution and delivery of this Agreement on the Closing Date, the Company shall deliver irrevocable instructions to its transfer agent to issue to the Investor, not later than 4:00 p.m. (New York City time) on the Trading Day immediately following the Closing Date, one or more certificate(s) or book-entry statement(s) representing the Initial Commitment Shares in the name of the Investor or its designee (in which case such designee name shall have been provided to the Company prior to the Closing Date). Such certificate or book-entry statement shall be delivered to the Investor by overnight courier at its address set forth in Section 10.4. For the avoidance of doubt, all of the Initial Commitment Shares shall be fully earned as of the Closing Date, regardless of whether the Commencement shall have occurred, any VWAP Purchases or Intraday VWAP Purchases are effected by the Company or settled hereunder or any subsequent termination of this Agreement. Upon issuance pursuant to this Section 10.1(ii)(a), the Initial Commitment Shares shall constitute "restricted securities" as such term is defined in Rule 144(a)(3) under the Securities Act and, subject to the provisions of subsection (iv) of this Section 10.1, the certificate or book-entry statement representing the Initial Commitment Shares shall bear the restrictive legend set forth below in subsection (iii) of this Section 10.1. The Initial Commitment Shares shall constitute Registrable Securities and shall be included in the Initial Registration Statement and any post-effective amendment thereto, and the Prospectus included therein, and, if

necessary to register the resale thereof by the Investor under the Securities Act, in any New Registration Statement and any post-effective amendment thereto, and the Prospectus included therein, in each case in accordance with this Agreement and the Registration Rights Agreement.

(b) **Additional Commitment Shares.** In addition to the issuance of the Initial Commitment Shares pursuant to Section 10.1(ii)(a) above, not later than 4:00 p.m. (New York City time) on the Purchase Date for the first (1st) VWAP Purchase or Intraday VWAP Purchase, whichever is first, effected pursuant to Section 3.1 of this Agreement, the Company shall deliver irrevocable instructions to its transfer agent to electronically issue and deliver to the Investor or its designee(s) (in which case such designee(s) name shall have been provided to the Company prior to such Purchase Date) 21,969 Additional Commitment Shares, so that such Additional Commitment Shares are received by the Investor as DWAC Shares not later than 10:00 a.m. (New York City time) on the Purchase Share Delivery Date for such first (1st) VWAP Purchase or Intraday VWAP Purchase (as applicable) pursuant to this Agreement. Not later than 4:00 p.m. (New York City time) on the Trading Day on which the Company shall have received from the Investor total aggregate cash proceeds equal to \$25,000,000 as payment for all VWAP Purchase Share Amounts and Intraday VWAP Purchase Share Amounts purchased by the Investor in all VWAP Purchases and Intraday VWAP Purchases (as applicable) effected pursuant to this Agreement, the Company shall deliver irrevocable instructions to its transfer agent to electronically issue and deliver to the Investor or its designee(s) (in which case such designee(s) name shall have been provided to the Company prior to such Trading Day) 21,969 Additional Commitment Shares, so that such Additional Commitment Shares are received by the Investor as DWAC Shares not later than 10:00 a.m. (New York City time) on the next Trading Day. Not later than 4:00 p.m. (New York City time) on the Trading Day on which the Company shall have received from the Investor total aggregate cash proceeds equal to \$50,000,000 as payment for all VWAP Purchase Share Amounts and Intraday VWAP Purchase Share Amounts purchased by the Investor in all VWAP Purchases and Intraday VWAP Purchases (as applicable) effected pursuant to this Agreement, the Company shall deliver irrevocable instructions to its transfer agent to electronically issue and deliver to the Investor or its designee(s) (in which case such designee(s) name shall have been provided to the Company prior to such Trading Day) 21,969 Additional Commitment Shares, so that such Additional Commitment Shares are received by the Investor as DWAC Shares not later than 10:00 a.m. (New York City time) on the next Trading Day. For the avoidance of doubt, such Additional Commitment Shares shall be fully earned as of the date on which they are issuable pursuant to this Section 10.1(ii)(b), regardless of whether any further VWAP Purchases or Intraday VWAP Purchases are effected by the Company or settled hereunder or any subsequent termination of this Agreement. All of the Additional Commitment Shares shall constitute Registrable Securities and shall be included in the Initial Registration Statement and any post-effective amendment thereto, and the Prospectus included therein, and, if necessary to register the resale thereof by the Investor under the Securities Act, in any New Registration Statement and any post-effective amendment thereto, and the Prospectus included therein, in each case in accordance with this Agreement and the Registration Rights Agreement.

(iii) **Legends.** The certificate(s) or book-entry statement(s) representing the Initial Commitment Shares issued prior to the Effective Date of the Initial Registration Statement, except as set forth below, shall bear a restrictive legend in substantially the following form (and stop transfer instructions may be placed against transfer of the Initial Commitment Shares):

THE SECURITIES REPRESENTED HEREBY HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES HAVE BEEN ACQUIRED FOR INVESTMENT AND MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS, UNLESS SOLD PURSUANT TO: (1) RULE 144 UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (2) AN OPINION OF COUNSEL, IN A CUSTOMARY FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR APPLICABLE STATE SECURITIES LAWS.

Notwithstanding the foregoing and for the avoidance of doubt, (i) all Shares to be issued in respect of each VWAP Purchase Notice and all Shares to be issued in respect of each Intraday VWAP Purchase Notice delivered to the Investor pursuant to this Agreement, in each case shall be issued to the Investor in accordance with Section 3.3 by crediting the Investor's or its designees' account at DTC as DWAC Shares, and (ii) all Additional Commitment Shares to be issued to the Investor pursuant to Section 10.1(ii)(b) of this Agreement shall be issued to the Investor in accordance with Section 10.1(ii)(b) by crediting the Investor's or its designees' account at DTC as DWAC Shares, and the Company shall not take any action or give instructions to any transfer agent of the Company otherwise.

(iv) **Irrevocable Transfer Agent Instructions; Notice of Effectiveness.** On the earlier of (a) the Commencement Date and (b) such time that the Investor shall request, provided all conditions of Rule 144 are met, the Company shall, no later than one (1) Trading Day following the delivery by the Investor to the Company or its transfer agent of one or more legended certificates or book-entry statements representing the Initial Commitment Shares issued to the Investor pursuant to Section 10.1(ii)(a) (which certificates or

book-entry statements the Investor shall promptly deliver on or prior to the first to occur of the events described in clauses (a) and (b) of this sentence), cause the Company's transfer agent to credit the Investor's or its designee's account at DTC as DWAC Shares such number of shares of Common Stock equal to the number of Initial Commitment Shares issued to the Investor pursuant to Section 10.1(ii)(a). The Company shall take all actions to carry out the intent and accomplish the purposes of the immediately preceding sentence, including, without limitation, delivering all such legal opinions, consents, certificates, resolutions and instructions to its transfer agent, and any successor transfer agent of the Company, as may be requested from time to time by the Investor or necessary or desirable to carry out the intent and accomplish the purposes of the immediately preceding sentence. On the Effective Date of the Initial Registration Statement and prior to Commencement, the Company shall deliver or cause to be delivered to its transfer agent (and thereafter, shall deliver or cause to be delivered to any subsequent transfer agent of the Company), (i) irrevocable instructions executed by the Company and acknowledged in writing by the Company's transfer agent (the "**Commencement Irrevocable Transfer Agent Instructions**") and (ii) the notice of effectiveness in the form attached as an exhibit to the Registration Rights Agreement (the "**Notice of Effectiveness**") relating to the Initial Registration Statement executed by the Company's outside counsel, in each case directing the Company's transfer agent to issue to the Investor or its designee all of the Initial Commitment Shares, the Additional Commitment Shares and the Shares included in the Initial Registration Statement as DWAC Shares in accordance with this Agreement and the Registration Rights Agreement. With respect to any post-effective amendment to the Initial Registration Statement, any New Registration Statement or any post-effective amendment to any New Registration Statement, in each case declared effective by the Commission after the Commencement Date, the Company shall deliver or cause to be delivered to its transfer agent (and thereafter, shall deliver or cause to be delivered to any subsequent transfer agent of the Company) (i) irrevocable instructions in the form substantially similar to the Commencement Irrevocable Transfer Agent Instructions executed by the Company and acknowledged in writing by the Company's transfer agent and (ii) the Notice of Effectiveness, in each case modified as necessary to refer to such Registration Statement or post-effective amendment and the Registrable Securities included therein, to issue the Registrable Securities included therein as DWAC Shares in accordance with the terms of this Agreement and the Registration Rights Agreement. For the avoidance of doubt, all Shares, Initial Commitment Shares and Additional Commitment Shares to be issued and delivered from and after Commencement to or for the benefit of the Investor pursuant to this Agreement shall be issued and delivered to the Investor or its designee only as DWAC Shares. The Company represents and warrants to the Investor that, while this Agreement is effective, no instruction other than those referred to in this Section 10.1(iv) will be given by the Company to its transfer agent, or any successor transfer agent of the Company, with respect to the Shares, the Initial Commitment Shares and the Additional Commitment Shares from and after Commencement, and the Shares, the Initial Commitment Shares and the Additional Commitment Shares covered by the Initial Registration Statement or any post-effective amendment thereof, or any New Registration Statement or post-effective amendment thereof, as applicable, shall otherwise be freely transferable on the books and records of the Company and no stop transfer instructions shall be maintained against the transfer thereof. The Company agrees that if the Company fails to fully comply with the provisions of this Section 10.1(iv) within three (3) Trading Days after the date on which the Investor has provided the deliverables referred to above that the Investor is required to provide to the Company or its transfer agent, the Company shall, at the Investor's written instruction, purchase from the Investor all shares of Common Stock acquired by the Investor pursuant to this Agreement that contain the restrictive legend referred to in Section 10.1(iii) hereof (or any similar restrictive legend), or that have any stop transfer orders maintained that prohibit or impede the transfer thereof in any respect, at the greater of (i) the purchase price paid for such shares of Common Stock (as applicable) and (ii) the Closing Sale Price of the Common Stock on the date of the Investor's written instruction.

Section 10.2. Specific Enforcement, Consent to Jurisdiction, Waiver of Jury Trial.

(i) The Company and the Investor acknowledge and agree that irreparable damage would occur in the event that any of the provisions of this Agreement were not performed in accordance with their specific terms or were otherwise breached. It is accordingly agreed that either party shall be entitled to an injunction or injunctions to prevent or cure breaches of the provisions of this Agreement by the other party 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), this being in addition to any other remedy to which either party may be entitled by law or equity.

(ii) Each of the Company and the Investor (a) hereby irrevocably submits to the jurisdiction of the U.S. District Court and other courts of the United States sitting in the State of New York for the purposes of any suit, action or proceeding arising out of or relating to this Agreement, and (b) hereby waives, and agrees not to assert in any such suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of such court, that the suit, action or proceeding is brought in an inconvenient forum or that the venue of the suit, action or proceeding is improper. Each of the Company and the Investor consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing in this Section 10.2 shall affect or limit any right to serve process in any other manner permitted by law.

(iii) EACH OF THE COMPANY AND THE INVESTOR HEREBY WAIVES TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN RESPECT TO ANY LITIGATION DIRECTLY OR INDIRECTLY ARISING OUT OF, UNDER OR IN CONNECTION WITH THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY OR DISPUTES RELATING HERETO. EACH OF THE COMPANY AND THE INVESTOR (A) CERTIFIES THAT NO REPRESENTATIVE, AGENT OR ATTORNEY OF THE OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER AND (B) ACKNOWLEDGES THAT IT AND THE OTHER PARTY HERETO HAVE BEEN INDUCED TO ENTER INTO THIS AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION 10.2.

Section 10.3. Entire Agreement. The Transaction Documents set forth the entire agreement and understanding of the parties with respect to the subject matter hereof and supersede all prior agreements, negotiations and understandings between the parties, both oral and written, with respect to such matters. There are no promises, undertakings, representations or warranties by either party relative to the subject matter hereof not expressly set forth in the Transaction Documents. The Disclosure Schedule and all exhibits to this Agreement are hereby incorporated by reference in, and made a part of, this Agreement as if set forth in full herein.

Section 10.4. Notices. Any notice, demand, request, waiver or other communication required or permitted to be given hereunder shall be in writing and shall be effective (a) upon hand delivery or electronic mail delivery at the address or number 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 (b) on the second business day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The address for such communications shall be:

If to the Company:

AST SpaceMobile, Inc.
Midland International Air & Space Port
2901 Enterprise Lane
Midland, Texas 79706
Telephone Number: [***]
Email: [***]
Attention: Brian Heller

With a copy (which shall not constitute notice) to:

Sullivan & Cromwell LLP
125 Broad Street
New York, New York 10004
Telephone Number: [***]
Email: [***]
Attention: Jared M. Fishman

If to the Investor:

B. Riley Principal Capital, LLC
11100 Santa Monica Blvd., Suite 800
Los Angeles, CA 90025
Telephone Number: [***]
Email: [***]
Attention: General Counsel

With a copy (which shall not constitute notice) to:

Dorsey & Whitney LLP

51 West 52nd Street
New York, New York 10019-6119
Telephone Number: [***]
Email: [***]
Attention: Anthony J. Marsico

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Either party hereto may from time to time change its address for notices by giving at least five (5) days' advance written notice of such changed address to the other party hereto.

Section 10.5. Waivers. No provision of this Agreement may be waived by the parties from and after the date that is one (1) Trading Day immediately preceding the date on which the Initial Registration Statement is initially filed with the Commission. Subject to the immediately preceding sentence, 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 exercises thereof or of any other right, power or privilege.

Section 10.6. Amendments. No provision of this Agreement may be amended by the parties from and after the date that is one (1) Trading Day immediately preceding the date on which the Initial Registration Statement is initially filed with the Commission. Subject to the immediately preceding sentence, no provision of this Agreement may be amended other than by a written instrument signed by both parties hereto.

Section 10.7. Headings. The article, section and subsection headings in this Agreement are for convenience only and shall not constitute a part of this Agreement for any other purpose and shall not be deemed to limit or affect any of the provisions hereof. Unless the context clearly indicates otherwise, each pronoun herein shall be deemed to include the masculine, feminine, neuter, singular and plural forms thereof. The terms "including," "includes," "include" and words of like import shall be construed broadly as if followed by the words "without limitation." The terms "herein," "hereunder," "hereof" and words of like import refer to this entire Agreement instead of just the provision in which they are found.

Section 10.8. Construction. The parties agree that each of them and their respective counsel has reviewed and had an opportunity to revise the Transaction Documents and, therefore, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of the Transaction Documents. In addition, each and every reference to share prices (including the Threshold Price) and number of shares of Common Stock in any Transaction Document shall, in all cases, be subject to adjustment for any stock splits, stock combinations, stock dividends, recapitalizations, reorganizations and other similar transactions that occur on or after the date of this Agreement. Any reference in this Agreement to "Dollars" or "\$" shall mean the lawful currency of the United States of America. Any references to "Section" or "Article" in this Agreement shall, unless otherwise expressly stated herein, refer to the applicable Section or Article of this Agreement.

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Section 10.9. Binding Effect. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors. Neither the Company nor the Investor may assign this Agreement or any of its respective rights or obligations hereunder to any Person.

Section 10.10. No Third Party Beneficiaries. Except as expressly provided in Article IX, this Agreement is intended only for the benefit of the parties hereto and their respective successors, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person.

Section 10.11. Governing Law. This Agreement shall be governed by and construed in accordance with the internal procedural and substantive laws of the State of New York, without giving effect to any laws or rules of such state that would cause the application of the laws of any other jurisdiction.

Section 10.12. Survival. The representations, warranties, covenants and agreements of the Company and the Investor contained in this Agreement shall survive the execution and delivery hereof until the termination of this Agreement; provided, however, that

(i) the provisions of Article V (Representations, Warranties and Covenants of the Company), Article VIII (Termination), Article IX (Indemnification) and this Article X (Miscellaneous) shall remain in full force and effect indefinitely notwithstanding such termination, and, (ii) so long as the Investor owns any Securities, the covenants and agreements of the Company and the Investor contained in Article VI (Additional Covenants) shall remain in full force and effect notwithstanding such termination for a period of six months following such termination.

Section 10.13. Counterparts. This Agreement may be executed in two or more identical counterparts, all of which shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party; provided that a facsimile signature or signature delivered by e-mail in a “.pdf” format data file, including any electronic signature complying with the U.S. federal ESIGN Act of 2000, e.g., www.docusign.com, www.echosign.adobe.com, etc., shall be considered due execution and shall be binding upon the signatory thereto with the same force and effect as if the signature were an original signature.

Section 10.14. Publicity. The Company shall afford the Investor and its counsel with a reasonable opportunity to review and comment upon, shall consult with the Investor and its counsel on the form and substance of, and shall give due consideration to all such comments from the Investor or its counsel on, any press release, Commission filing or any other public disclosure made by or on behalf of the Company relating to the Investor, its purchases hereunder or any aspect of the Transaction Documents or the transactions contemplated thereby, prior to the issuance, filing or public disclosure thereof. For the avoidance of doubt, the Company shall not be required to submit for review any such disclosure (i) contained in periodic reports filed with the Commission under the Exchange Act if it shall have previously provided the same disclosure to the Investor or its counsel for review in connection with a previous filing or (ii) any Prospectus Supplement if it contains disclosure that does not reference the Investor, its purchases hereunder or any aspect of the Transaction Documents or the transactions contemplated thereby. The Company agrees and acknowledges that its failure to comply with this provision in all material respects constitutes a Material Adverse Effect for purposes of Section 7.2(xi) and Section 7.3(i).

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Section 10.15. Severability. The provisions of this Agreement are severable and, in the event that any court of competent jurisdiction shall determine that any one or more of the provisions or part of the provisions contained in this Agreement shall, for any reason, be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision or part of a provision of this Agreement, and this Agreement shall be reformed and construed as if such invalid or illegal or unenforceable provision, or part of such provision, had never been contained herein, so that such provisions would be valid, legal and enforceable to the maximum extent possible.

Section 10.16. Further Assurances. From and after the Closing Date, upon the request of the Investor or the Company, each of the Company and the Investor shall execute and deliver such instrument, documents and other writings as may be reasonably necessary or desirable to confirm and carry out and to effectuate fully the intent and purposes of this Agreement.

[Signature Pages Follow]

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed by their respective authorized officer as of the date first above written.

AST SPACEMOBILE, INC.:

By: /s/ Abel Avellan

Name: Abel Avellan

Title: Chief Executive Officer

B. RILEY PRINCIPAL CAPITAL, LLC:

By: /s/ Daniel Shribman

**ANNEX I TO THE
COMMON STOCK PURCHASE AGREEMENT
DEFINITIONS**

“**2021 Form 10-K**” has the meaning set forth in the definition of “Commission Documents”.

“**Accountant**” shall have the meaning assigned to such term in Section 5.6(d).

“**Additional Commitment Shares**” means an aggregate of 65,907 shares of duly authorized, validly issued, fully paid and non-assessable shares of Common Stock, which the Company shall cause its transfer agent to issue and deliver to the Investor as DWAC Shares in such amounts and at such times as set forth in Section 10.1(ii)(b) of this Agreement.

“**Affiliate**” means any Person that, directly or indirectly through one or more intermediaries, controls, is controlled by, or is under common control with a Person, as such terms are used in and construed under Rule 144.

“**Aggregate Limit**” shall have the meaning assigned to such term in Section 2.1.

“**Agreement**” shall have the meaning assigned to such term in the preamble of this Agreement.

“**Average Price**” means a price per Share (rounded to the nearest tenth of a cent) equal to the quotient obtained by dividing (i) the aggregate gross purchase price paid by the Investor for all Shares purchased pursuant to this Agreement, by (ii) the aggregate number of Shares issued pursuant to this Agreement.

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

“**Base Price**” means a price per Share equal to the sum of (i) the Minimum Price and (ii) \$0.02 (subject to adjustment for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction that occurs on or after the date of this Agreement).

“**Beneficial Ownership Limitation**” shall have the meaning assigned to such term in Section 3.5.

“**Bloomberg**” means Bloomberg, L.P.

“**Bring Down Opinion**” shall have the meaning assigned to such term in Section 6.15.

“**Broker-Dealer**” shall have the meaning assigned to such term in Section 6.13.

“**Bylaws**” shall have the meaning assigned to such term in Section 5.3.

“**Charter**” shall have the meaning assigned to such term in Section 5.3.

“**Closing**” shall have the meaning assigned to such term in Section 2.2.

“**Closing Date**” means the date of this Agreement.

“**Closing Sale Price**” means, for the Common Stock as of any date, the last closing trade price for the Common Stock on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market), as reported by Bloomberg, or, if the Trading Market (or such Eligible Market, as applicable) begins to operate on an extended hours basis and does not designate the closing trade price for the Common Stock, then the last trade price for the Common Stock prior to 4:00 p.m., New York City time, as

reported by Bloomberg. All such determinations shall be appropriately adjusted for any stock splits, stock dividends, stock combinations, recapitalizations or other similar transactions during such period.

“**Code**” shall have the meaning assigned to such term in Section 5.24.

“**Commencement**” shall have the meaning assigned to such term in Section 3.1.

“**Commencement Date**” shall have the meaning assigned to such term in Section 3.1.

“**Commencement Irrevocable Transfer Agent Instructions**” shall have the meaning assigned to such term in Section 10.1(iv).

“**Commission**” means the U.S. Securities and Exchange Commission or any successor entity.

“**Commission Documents**” shall mean (1) all reports, schedules, registrations, forms, statements, information and other documents filed with or furnished to the Commission by the Company pursuant to the reporting requirements of the Exchange Act, including all material filed with or furnished to the Commission pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act, since April 6, 2021, including, without limitation, the Company’s Annual Report on Form 10-K for its fiscal year ended December 31, 2021 (the “**2021 Form 10-K**”), and which hereafter shall be filed with or furnished to the Commission by the Company, including, without limitation, the Current Report, (2) each Registration Statement, as the same may be amended from time to time, the Prospectus contained therein and each Prospectus Supplement thereto and (3) all information contained in such filings and all documents and disclosures that have been and heretofore shall be incorporated by reference therein.

“**Commitment Shares**” means, collectively, the Initial Commitment Shares and the Additional Commitment Shares.

“**Common Stock**” shall have the meaning assigned to such term in the recitals of this Agreement.

“**Common Stock Equivalents**” means any securities of the Company or its Subsidiaries which entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, rights, options, warrants 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.

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“**Company**” shall have the meaning assigned to such term in the preamble of this Agreement.

“**Compliance Certificate**” shall have the meaning assigned to such term in Section 7.2(ii).

“**Cover Price**” shall have the meaning assigned to such term in Section 3.3.

“**COVID-19**” means SARS-CoV-2 or COVID-19, and any evolutions thereof or any other related or associated epidemics, pandemics or disease outbreaks.

“**Current Report**” shall have the meaning assigned to such term in Section 2.3.

“**Custodian**” shall mean any receiver, trustee, assignee, liquidator or similar official under any Bankruptcy Law.

“**Damages**” shall have the meaning assigned to such term in Section 9.1.

“**Data Security Requirements**” has the meaning assigned to such term in Section 5.40.

“**Data Treatment**” means the analysis, receipt, collection, compilation, use, storage, processing, sharing, safeguarding, security (both technical and physical), disposal, destruction, disclosure or transfer (including cross-border) of Personal Information.

“**Disclosure Schedule**” shall have the meaning assigned to such term in the preamble to Article V.

“**Disqualification Event**” shall have the meaning assigned to such term in Section 5.41.

“**DTC**” means The Depository Trust Company, a subsidiary of The Depository Trust & Clearing Corporation, or any successor thereto.

“**DWAC**” shall have the meaning assigned to such term in Section 5.33.

“**DWAC Shares**” means shares of Common Stock issued pursuant to this Agreement that are (i) issued in electronic form, (ii) freely tradable and transferable and without restriction on resale and without stop transfer instructions maintained against the transfer thereof and (iii) timely credited by the Company’s transfer agent to the Investor’s (or its designee’s) specified DWAC account with DTC under its Fast Automated Securities Transfer (FAST) Program, or any similar program hereafter adopted by DTC performing substantially the same function.

“**EDGAR**” means the Commission’s Electronic Data Gathering, Analysis and Retrieval System.

“**Effective Date**” means, with respect to the Initial Registration Statement filed pursuant to Section 2(a) of the Registration Rights Agreement (or any post-effective amendment thereto) or any New Registration Statement filed pursuant to Section 2(c) of the Registration Rights Agreement (or any post-effective amendment thereto), as applicable, the date on which the Initial Registration Statement (or any post-effective amendment thereto) or any New Registration Statement (or any post-effective amendment thereto) is declared effective by the Commission.

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“**Effectiveness Deadline**” shall have the meaning assigned to such term in the Registration Rights Agreement.

“**Eligible Market**” means the New York Stock Exchange, The Nasdaq Global Market, The Nasdaq Global Select Market, or the NYSE American (or any nationally recognized successor to any of the foregoing).

“**Environmental Laws**” shall have the meaning assigned to such term in Section 5.18.

“**ERISA**” shall have the meaning assigned to such term in Section 5.24.

“**Evaluation Date**” shall have the meaning assigned to such term in Section 5.6(c).

“**Exchange Act**” means the Securities Exchange Act of 1934, as amended, and the rules and regulations of the Commission thereunder.

“**Exchange Cap**” shall have the meaning assigned to such term in Section 3.4(a).

“**Exempt Issuance**” means the issuance of (a) Common Stock, options or other equity incentive awards to employees, officers, directors or vendors of the Company pursuant to any equity incentive plan duly adopted for such purpose, by the Company’s Board of Directors or a majority of the members of a committee of the Board of Directors established for such purpose, (b) (1) any Securities issued to the Investor (or its designee) pursuant to the Transaction Documents, (2) any securities issued upon the exercise or exchange of or conversion of any shares of Common Stock or Common Stock Equivalents held by the Investor at any time, or (3) any securities issued upon the exercise or exchange of or conversion of any Common Stock Equivalents issued and outstanding on the date of this Agreement, provided that such securities referred to in this clause (3) have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities, (c) securities issued pursuant to acquisitions, divestitures, licenses, partnerships, collaborations or strategic transactions approved by the Company’s Board of Directors or a majority of the members of a committee of directors established for such purpose, which acquisitions, divestitures, licenses, partnerships, collaborations or strategic transactions can have a Variable Rate Transaction component, provided that any such issuance shall only be to a Person (or to the equity holders of a Person) which is, itself or through its subsidiaries, an operating company or an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities, (d) shares of Common Stock issued by the Company to the Investor (or its designee) in connection with any “equity line of credit” or other continuous offering or similar offering of Common Stock (other than the transactions contemplated by the Transaction Documents) pursuant to one or more written agreements between the Company and the Investor or an Affiliate of the Investor executed after the date of this Agreement (if any), whereby the Company may sell shares of Common Stock to the Investor or an Affiliate of the Investor at a future determined price, or (e) shares of Common Stock

issued by the Company in any “at the market offering” or “equity distribution program” or similar offering of Common Stock exclusively to or through B. Riley Securities, Inc. pursuant to one or more written agreements between the Company and B. Riley Securities, Inc.

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“**Filing Deadline**” shall have the meaning assigned to such term in the Registration Rights Agreement.

“**FINRA**” means the Financial Industry Regulatory Authority, Inc.

“**Fundamental Transaction**” means that (i) the Company shall, directly or indirectly, in one or more related transactions, (1) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Person, with the result that the holders of the Company’s capital stock immediately prior to such consolidation or merger together beneficially own less than 50% of the outstanding voting power of the surviving or resulting corporation, or (2) sell, lease, license, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company to another Person, or (3) take action to facilitate a purchase, tender or exchange offer by another Person that is accepted by the holders of more than 50% of the outstanding shares of Common Stock (excluding any shares of Common Stock held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer), or (4) consummate a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination), or (5) reorganize, recapitalize or reclassify its Common Stock, or (ii) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the Exchange Act), except Abel Avellan, his Permitted Transferees (as such term is defined in that certain Stockholders’ Agreement, dated April 6, 2021, by and among the Company and the other parties thereto), and any group including Abel Avellan and/or his Permitted Transferees, shall become after the date hereof the “beneficial owner” (as defined in Rule 13d-3 under the Exchange Act), directly or indirectly, of 50% of the aggregate ordinary voting power represented by issued and outstanding Common Stock.

“**GAAP**” shall have the meaning assigned to such term in Section 5.6(b).

“**Governmental Authority**” means any federal, state, provincial, municipal, local or foreign government, governmental authority, regulatory or administrative agency, governmental commission, department, board, bureau, agency or instrumentality, court, arbitral body (public or private) or tribunal.

“**HIPAA**” means the Health Insurance Portability and Accountability Act of 1996 and its implementing regulations, including as amended by the Health Information Technology for Clinical Health Act provisions of the American Recovery and Reinvestment Act of 2009, Pub. Law No. 111-5 and its implementing regulations.

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“**Indebtedness**” means, with respect to any Person as of any time, without duplication, (a) any liabilities for borrowed money or amounts owed in excess of \$100,000 (other than trade accounts payable incurred in the ordinary course of business), (b) all guaranties, endorsements, indemnities and other contingent obligations in respect of Indebtedness of others in excess of \$100,000, whether or not the same are or should be reflected in the Company’s balance sheet (or the notes thereto), except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business; and (c) the present value of any lease payments in excess of \$100,000 due under leases required to be capitalized in accordance with GAAP. Notwithstanding anything to the contrary contained herein, “Indebtedness” of any Person shall not include any item that would otherwise constitute “Indebtedness” of such Person that is an obligation between such Person and any wholly owned Subsidiary of such Person or between any two or more wholly owned Subsidiaries of such Person.

“**Initial Commitment Shares**” means 21,969 shares of duly authorized, validly issued, fully paid and non-assessable shares of Common Stock which, concurrently with the execution and delivery of this Agreement on the Closing Date, the Company has caused its transfer agent to issue and deliver to the Investor not later than 4:00 p.m. (New York City time) on the Trading Day immediately following the Closing Date pursuant to Section 10.1(ii)(a).

“**Initial Registration Statement**” shall have the meaning assigned to such term in the Registration Rights Agreement.

“**Intellectual Property**” shall have the meaning assigned to such term in Section 5.17(b).

“**Intraday VWAP Purchase**” shall have the meaning assigned to such term in Section 3.2.

“**Intraday VWAP Purchase Commencement Time**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, the time that is thirty (30) minutes after the latest of: (i) the VWAP Purchase Ending Time of the VWAP Purchase Period for the VWAP Purchase preceding the Intraday VWAP Purchase Period for such Intraday VWAP Purchase occurring on the same Purchase Date as such earlier VWAP Purchase, if the Company has timely delivered a VWAP Purchase Notice to the Investor for a VWAP Purchase on such Purchase Date, (ii) the Intraday VWAP Purchase Ending Time of the Intraday VWAP Purchase Period for the most recent prior Intraday VWAP Purchase, if any, occurring on the same Purchase Date as such Intraday VWAP Purchase, and (iii) the Investor’s timely receipt from the Company of the applicable Intraday VWAP Purchase Notice for such Intraday VWAP Purchase on the applicable Purchase Date therefor (such receipt to be acknowledged by email correspondence from the Investor to each of the individual notice recipients set forth in the applicable Intraday VWAP Purchase Notice, other than via auto-reply).

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“**Intraday VWAP Purchase Ending Time**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, the time on the Purchase Date for such Intraday VWAP Purchase that is the earliest of: (i) 4:00 p.m., New York City time, on the applicable Purchase Date for such Intraday VWAP Purchase, or such earlier time publicly announced by the Trading Market (or, if the Common Stock is then listed on an Eligible Market, by such Eligible Market) as the official close of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on such Purchase Date; (ii) immediately at such time following the Intraday VWAP Purchase Commencement Time of the Intraday VWAP Purchase Period for such Intraday VWAP Purchase that the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during such Intraday VWAP Purchase Period has exceeded the applicable Intraday VWAP Purchase Share Volume Maximum for such Intraday VWAP Purchase; provided, however, that the calculation of the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) shall exclude from such calculation (A) the opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date and (B) the last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date (as applicable); and (iii) immediately at such time following the Intraday VWAP Purchase Commencement Time of the Intraday VWAP Purchase Period for such Intraday VWAP Purchase that the Sale Price of any share of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during such Intraday VWAP Purchase Period is less than the applicable Intraday VWAP Purchase Minimum Price Threshold; provided, however, that the determination of whether the Sale Price of any share of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during such Intraday VWAP Purchase Period shall exclude (A) the opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date and (B) the last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date (as applicable) (in each case, to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

“**Intraday VWAP Purchase Maximum Amount**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, such number of shares of Common Stock equal to the lesser of: (i) the product of (a) the Purchase Share Percentage, multiplied by (b) the Purchase Volume Reference Amount applicable to such Intraday VWAP Purchase, and (ii) the product of (a) the Purchase Share Percentage, multiplied by (b) the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during the Intraday VWAP Purchase Period for such Intraday VWAP Purchase; provided, however, that the calculation of the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) shall exclude from such calculation (A) the opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date and (B) the last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date (as applicable) (in each case, to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

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“**Intraday VWAP Purchase Minimum Price Threshold**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, the dollar amount specified by the Company in the applicable Intraday VWAP Purchase Notice for such Intraday VWAP Purchase as the per share minimum Sale Price threshold to be used in determining whether the event in clause (iii) of the definition of

“Intraday VWAP Purchase Ending Time” shall have occurred during the applicable Intraday VWAP Purchase Period for such Intraday VWAP Purchase (to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction); provided, however, that if the Company has not specified any such dollar amount as the per share minimum Sale Price threshold in the applicable Intraday VWAP Purchase Notice for such Intraday VWAP Purchase, then the per share minimum Sale Price threshold to be used in determining whether the event in clause (iii) of the definition of “Intraday VWAP Purchase Ending Time” shall have occurred during the applicable Intraday VWAP Purchase Period for such Intraday VWAP Purchase shall be such dollar amount equal to the product of (a) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the Purchase Date for such Intraday VWAP Purchase, multiplied by (b) 0.75 (to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

“**Intraday VWAP Purchase Notice**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, an irrevocable written notice from the Company to the Investor directing the Investor to purchase a specified Intraday VWAP Purchase Share Amount (such specified Intraday VWAP Purchase Share Amount subject to adjustment as set forth in Section 3.2 as necessary to give effect to the Intraday VWAP Purchase Maximum Amount), at the applicable Intraday VWAP Purchase Price therefor on the Purchase Date for such Intraday VWAP Purchase in accordance with this Agreement, that is delivered by the Company to the Investor and received by the Investor (i) after the latest of (X) 10:00 a.m., New York City time, on such Purchase Date, if the Company has not timely delivered a VWAP Purchase Notice to the Investor for a VWAP Purchase on such Purchase Date, (Y) the VWAP Purchase Ending Time of the VWAP Purchase Period for the VWAP Purchase preceding the Intraday VWAP Purchase Period for such Intraday VWAP Purchase occurring on the same Purchase Date as such earlier VWAP Purchase, if the Company has timely delivered a VWAP Purchase Notice to the Investor for a VWAP Purchase on such Purchase Date, and (Z) the Intraday VWAP Purchase Ending Time of the Intraday VWAP Purchase Period for the most recent prior Intraday VWAP Purchase, if any, occurring on the same Purchase Date as such Intraday VWAP Purchase, and (ii) prior to the earlier of (X) 1:30 p.m., New York City time, on such Purchase Date and (Y) such time that is exactly two-and-a-half (2-½) hours (or 150 minutes) immediately prior to the official close of the primary (or “regular”) trading session on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market) on such Purchase Date, if the Trading Market (or such Eligible Market, as applicable) has theretofore publicly announced that the official close of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on such Purchase Date shall be earlier than 4:00 p.m., New York City time, on such Purchase Date.

“**Intraday VWAP Purchase Period**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, the period on the Purchase Date for such Intraday VWAP Purchase, beginning at the applicable Intraday VWAP Purchase Commencement Time and ending at the applicable Intraday VWAP Purchase Ending Time on such Purchase Date for such Intraday VWAP Purchase.

“**Intraday VWAP Purchase Price**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, the purchase price per Share to be purchased by the Investor in such Intraday VWAP Purchase, equal to the product of (i) 0.97, multiplied by (ii) the VWAP of the Common Stock for the applicable Intraday VWAP Purchase Period on the applicable Purchase Date for such Intraday VWAP Purchase; provided, that the calculation of the VWAP for the Common Stock for the Intraday VWAP Purchase Period for an Intraday VWAP Purchase, (A) during which Intraday VWAP Purchase Period the opening or first purchase of Common Stock at or following the official open of the primary (or “regular”) trading session on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market) on the Purchase Date for such Intraday VWAP Purchase has occurred, shall exclude from such calculation such opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date, and (B) during which Intraday VWAP Purchase Period the last or closing sale of Common Stock at or prior to the official close of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on the Purchase Date for such Intraday VWAP Purchase has occurred (as applicable), shall exclude from such calculation such last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date. All such calculations shall be appropriately adjusted for any stock dividend, stock split, stock combination, recapitalization or other similar transaction.

“**Intraday VWAP Purchase Share Amount**” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, the total number of Shares to be purchased by the Investor in such Intraday VWAP Purchase as specified by the Company in the applicable Intraday VWAP Purchase Notice for such Intraday VWAP Purchase, which total number of Shares shall not exceed the Intraday VWAP Purchase Maximum Amount applicable to such Intraday VWAP Purchase (and such number of Shares specified by the Company in the applicable Intraday VWAP Purchase Notice for such Intraday VWAP Purchase shall be subject to automatic adjustment in accordance with Section 3.2 hereof as necessary to give effect to the Intraday VWAP Purchase Maximum Amount limitation applicable to such Intraday VWAP Purchase as set forth in this Agreement).

“Intraday VWAP Purchase Share Volume Maximum” means, with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, a number of shares of Common Stock equal to the quotient obtained by dividing (i) the Intraday VWAP Purchase Share Amount to be purchased by the Investor in such Intraday VWAP Purchase, by (ii) the Purchase Share Percentage (to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

“Investment Period” means the period commencing on the Commencement Date and expiring on the date this Agreement is subsequently terminated pursuant to Article VIII.

“Investor” shall have the meaning assigned to such term in the preamble of this Agreement.

“Investor Expense Reimbursement” shall have the meaning assigned to such term in Section 10.1(i).

“Investor Party” shall have the meaning assigned to such term in Section 9.1.

“Issuer Covered Person” shall have the meaning assigned to such term in Section 5.41.

“IT Systems” means all Software, computer and information technology systems and infrastructure, servers, networks, databases, websites, computer hardware and equipment, interfaces, platforms, and peripherals that are owned, licensed, or leased by the Company or any of its Subsidiaries in the conduct of its business.

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“Knowledge” means the actual knowledge of any of (i) the Company’s Chief Executive Officer, (ii) the Company’s Chief Financial Officer, (iii) the Company’s Chief Accounting Officer and (iv) the Company’s Executive Vice President, General Counsel and Secretary, in each case after reasonable inquiry of all officers, directors and employees of the Company and its Subsidiaries under such Person’s direct supervision who would reasonably be expected to have knowledge or information with respect to the matter in question; it being understood that with respect to matters related to Intellectual Property and IT Systems, such reasonable inquiry shall not require the Company or any of the foregoing individuals to perform (or to have performed) any clearance searches, seek any freedom-to-operate or other legal opinions or otherwise conduct any additional investigations with respect to Intellectual Property or IT Systems).

“Material Adverse Effect” means (i) any condition, occurrence, state of facts or event having, or insofar as reasonably can be foreseen would likely have, any effect on the business, operations, properties or financial condition of the Company that is material and adverse to the Company and its Subsidiaries, taken as a whole, excluding any facts, circumstances, changes or effects, individually or in the aggregate, exclusively and directly resulting from, relating to or arising out of any of the following: (a) changes in conditions in the U.S. or global capital, credit or financial markets generally, including changes in the availability of capital or currency exchange rates, provided such changes shall not have affected the Company in a materially disproportionate manner as compared to other similarly situated companies, (b) changes generally affecting the industries in which the Company and its Subsidiaries operate, provided such changes shall not have affected the Company and its Subsidiaries, taken as a whole, in a materially disproportionate manner as compared to other similarly situated companies, (c) any effect of the announcement of, or the consummation of the transactions contemplated by, this Agreement and the Registration Rights Agreement on the Company’s relationships, contractual or otherwise, with customers, suppliers, vendors, bank lenders, strategic venture partners or employees, (d) changes arising in connection with natural or man-made disasters, earthquakes, hostilities, acts of war, sabotage or terrorism or military actions or any escalation or material worsening of the foregoing, or any action taken by any Governmental Authority in response to any of the foregoing, (e) epidemics, pandemics, other outbreaks of infectious disease, including in each case COVID-19 and variants thereof, an escalation or worsening of any of the foregoing, or any action taken by any Governmental Authority in response to any of the foregoing, (f) any action taken by the Investor, any of its officers, its sole member or the Investor’s Broker-Dealer, or any of such Person’s successors with respect to the transactions contemplated by this Agreement and the Registration Rights Agreement, (g) any stoppage, shut down, or changes in operating practices or procedures of any Governmental Authority and (h) the effect of any changes in applicable laws or accounting rules, provided such changes shall not have affected the Company in a materially disproportionate manner as compared to other similarly situated companies; (ii) any condition, occurrence, state of facts or event having, or insofar as reasonably can be foreseen would likely have, any material adverse effect on the legality, validity or enforceability of any of the Transaction Documents or the transactions contemplated thereby; or (iii) any condition, occurrence, state of facts or event that would, or insofar as reasonably can be foreseen would likely, prohibit or otherwise materially interfere with or delay the ability of the Company to perform any of its obligations under any of the Transaction Documents to which it is a party.

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“**Minimum Price**” means \$8.2780, representing the average Nasdaq official closing price of the Common Stock on the Trading Market (as reflected on Nasdaq.com) for the five (5) consecutive Trading Days ending on the date of this Agreement (subject to adjustment for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction that occurs on or after the date of this Agreement).

“**Money Laundering Laws**” shall have the meaning assigned to such term in Section 5.36.

“**New Registration Statement**” shall have the meaning assigned to such term in the Registration Rights Agreement.

“**Notice of Effectiveness**” shall have the meaning assigned to such term in Section 10.1(iv).

“**PEA Period**” means the period commencing at 9:30 a.m., New York City time, on the fifth (5th) Trading Day immediately prior to the filing of any post-effective amendment to the Initial Registration Statement or any New Registration Statement, and ending at 9:30 a.m., New York City time, on the Trading Day immediately following, the Effective Date of such post-effective amendment.

“**Permits**” shall have the meaning assigned to such term in Section 5.17(a).

“**Person**” means any person or entity, whether a natural person, trustee, corporation, partnership, limited partnership, limited liability company, trust, unincorporated organization, business association, firm, joint venture or Governmental Authority.

“**Personal Information**” means, any information that identifies or, in conjunction with other information held by the Company and its Subsidiaries, could reasonably be used to identify an individual natural person, to the extent protected by applicable law, statute, rule or regulation.

“**Privacy Laws**” means any and all applicable statutes, laws, rules, regulations, legal requirements and any self-regulatory guidelines to which the Company is legally or contractually bound (including of any applicable foreign jurisdiction) with respect to Data Treatment or otherwise with respect to privacy or security of Personal Information, including to the extent applicable to the Company, HIPAA, California Consumer Privacy Act (CCPA), and the General Data Protection Regulation (GDPR) (EU) 2016/679), and any and all applicable statutes, laws, rules or regulations with respect to notification of breach of Personal Information.

“**Prospectus**” shall have the meaning assigned to such term in the Registration Rights Agreement.

“**Prospectus Supplement**” shall have the meaning assigned to such term in the Registration Rights Agreement.

“**Purchase Condition Satisfaction Time**” shall have the meaning assigned to such term in Section 7.3.

“**Purchase Date**” means, (i) with respect to a VWAP Purchase made pursuant to Section 3.1, the Trading Day on which the Investor timely receives, (A) after 6:00 a.m., New York City time, and (B) prior to 9:00 a.m., New York City time, on such Trading Day, a valid VWAP Purchase Notice for such VWAP Purchase in accordance with this Agreement, and (ii) with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, the Trading Day on which the Investor timely receives a valid Intraday VWAP Purchase Notice for such Intraday VWAP Purchase in accordance with this Agreement, (A) after the latest of (X) 10:00 a.m., New York City time, on such Trading Day, if the Company has not timely delivered a valid VWAP Purchase Notice to the Investor for a VWAP Purchase on such Trading Day, (Y) the VWAP Purchase Ending Time of the VWAP Purchase Period for the VWAP Purchase preceding the applicable Intraday VWAP Purchase Period for such Intraday VWAP Purchase occurring on the same Trading Day as such earlier VWAP Purchase, if the Company has timely delivered a valid VWAP Purchase Notice to the Investor for a VWAP Purchase on such Trading Day, and (Z) the Intraday VWAP Purchase Ending Time of the Intraday VWAP Purchase Period for the most recent prior Intraday VWAP Purchase, if any, occurring on the same Trading Day as such Intraday VWAP Purchase, and (B) prior to the earlier of (X) 1:30 p.m., New York City time, on such Trading Day for such Intraday VWAP Purchase and (Y) such time that is exactly two-and-a-half (2-½) hours (or 150 minutes) immediately prior to the official close of the primary (or “regular”) trading session on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market) on such Trading Day, if the Trading Market (or such Eligible Market, as applicable) has publicly announced that the official close of the primary (or “regular”) trading session shall be earlier than 4:00 p.m., New York City time, on such Trading Day.

“**Purchase Share Delivery Date**” shall have the meaning assigned to such term in Section 3.3.

“Purchase Share Percentage” means, with respect to a VWAP Purchase made pursuant to Section 3.1 and with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, twenty percent (20.0%).

“Purchase Volume Reference Amount” means, with respect to a VWAP Purchase made pursuant to Section 3.1 and with respect to an Intraday VWAP Purchase made pursuant to Section 3.2, such number of shares of Common Stock equal to the quotient obtained by dividing (i) the total aggregate number (or volume) of shares of Common Stock traded during the full primary (or “regular”) trading sessions on the Trading Market (or on such Eligible Market, as applicable) during the ten (10) consecutive Trading Day period ending on (and including) the Trading Day immediately preceding the Purchase Date for such VWAP Purchase and/or for such Intraday VWAP Purchase (as applicable), by (ii) ten (10). All such calculations shall be appropriately adjusted for any stock dividend, stock split, stock combination, recapitalization or other similar transaction.

“Registrable Securities” shall have the meaning assigned to such term in the Registration Rights Agreement.

“Registration Period” shall have the meaning assigned to such term in the Registration Rights Agreement.

“Registration Rights Agreement” shall have the meaning assigned to such term in the recitals hereof.

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“Registration Statement” shall have the meaning assigned to such term in the Registration Rights Agreement.

“Regulation D” shall have the meaning assigned to such term in the recitals of this Agreement.

“Restricted Period” shall have the meaning assigned to such term in Section 6.9(i).

“Restricted Person” shall have the meaning assigned to such term in Section 6.9(i).

“Restricted Persons” shall have the meaning assigned to such term in Section 6.9(i).

“Rule 144” means Rule 144 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same effect.

“Sanctions” shall have the meaning assigned to such term in Section 5.37.

“Sarbanes-Oxley Act” shall have the meaning assigned to such term in Section 5.6(d).

“Section 4(a)(2)” shall have the meaning assigned to such term in the recitals of this Agreement.

“Securities” means, collectively, the Shares and the Commitment Shares.

“Securities Act” shall mean the Securities Act of 1933, as amended, and the rules and regulations of the Commission thereunder.

“Shares” shall mean the shares of Common Stock that may be purchased by the Investor under this Agreement pursuant to one or more VWAP Purchase Notices or pursuant to one or more Intraday VWAP Purchase Notices, but not including the Commitment Shares.

“Short Sales” shall mean “short sales” as defined in Rule 200 promulgated under Regulation SHO under the Exchange Act.

“Software” means any and all (i) computer programs, including any and all software implementation of algorithms, models and methodologies, whether in source code, object code, human readable form or other form, (ii) databases and compilations, including any and all data and collections of data, whether machine readable or otherwise, (iii) descriptions, flow charts and other work products used to design, plan, organize and develop any of the foregoing, including any such screens, user interfaces, report formats, firmware, development tools, templates, menus, buttons and icons and (iv) all documentation including user manuals and other training documentation, in each case, relating to any of the foregoing.

“**Subsidiary**” shall mean any corporation or other entity of which at least a majority of the securities or other ownership interest having ordinary voting power for the election of directors or other persons performing similar functions are at the time owned directly or indirectly by the Company and/or any of its other Subsidiaries.

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“**Threshold Price**” means \$1.00, which shall be appropriately 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 “Threshold Price” shall mean the lower of (i) such adjusted price and (ii) \$1.00.

“**Total Commitment**” shall have the meaning assigned to such term in Section 2.1.

“**Trading Day**” shall mean any day on which the Trading Market or, if the Common Stock is then listed on an Eligible Market, such Eligible Market is open for “regular” trading, including any day on which the Trading Market (or such Eligible Market, as applicable) is open for “regular” trading for a period of time less than the customary “regular” trading period.

“**Trading Market**” means The Nasdaq Capital Market (or any nationally recognized successor thereto).

“**Transaction Documents**” means, collectively, this Agreement (as qualified by the Disclosure Schedule) and the exhibits hereto, the Registration Rights Agreement, and the exhibits thereto, and each of the other agreements, documents, certificates and instruments entered into or furnished by the parties hereto in connection with the transactions contemplated hereby and thereby.

“**Variable Rate Transaction**” means a transaction in which the Company (i) issues or sells any equity or debt securities that are convertible into, exchangeable or exercisable for, or include the right to receive additional shares of Common Stock or Common Stock Equivalents either (A) at a conversion price, exercise price, exchange rate or other price that is based upon and/or varies with the trading prices of or quotations for the Common Stock at any time after the initial issuance of such equity or debt securities, or (B) with a conversion, exercise or exchange price that is subject to being reset at some future date after the initial issuance of such equity or debt security or upon the occurrence of specified or contingent events directly or indirectly related to the business of the Company or the market for the Common Stock (including, without limitation, any “full ratchet” or “weighted average” anti-dilution provisions, but not including any standard anti-dilution protection for any reorganization, recapitalization, non-cash dividend, stock split or other similar transaction), (ii) issues or sells any equity or debt securities, including, without limitation, Common Stock or Common Stock Equivalents, either (A) at a price that is subject to being reset at some future date after the initial issuance of such debt or equity security or upon the occurrence of specified or contingent events directly or indirectly related to the business of the Company or the market for the Common Stock (other than standard anti-dilution protection for any reorganization, recapitalization, non-cash dividend, stock split or other similar transaction), or (B) that are subject to or contain any put, call, redemption, buy-back, price-reset or other similar provision or mechanism (including, without limitation, a “Black-Scholes” put or call right, other than in connection with a “fundamental transaction”) that provides for the issuance of additional equity securities of the Company or the payment of cash by the Company, or (iii) enters into any agreement, including, but not limited to, an “equity line of credit” or “at the market offering” or other continuous offering or similar offering of Common Stock or Common Stock Equivalents, whereby the Company may sell Common Stock or Common Stock Equivalents at a future determined price.

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“**VWAP**” means, for the Common Stock for a specified period, the dollar volume-weighted average price for the Common Stock on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market), for such period, as reported by Bloomberg through its “AQR” function; provided, however, that (i) the calculation of the dollar volume-weighted average price for the Common Stock for the VWAP Purchase Period for each VWAP Purchase, (A) during which VWAP Purchase Period the opening or first purchase of Common Stock at or following the official open of the primary (or “regular”) trading session on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market) on the Purchase Date for such VWAP Purchase has occurred, shall exclude from such calculation such opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date, and (B) during which VWAP Purchase Period the last or closing sale of Common Stock at or prior to the official close of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on the Purchase Date for such VWAP Purchase has occurred (as applicable), shall exclude from such calculation such last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date; and (ii) the calculation of the dollar volume-weighted average price for the Common Stock for the Intraday VWAP Purchase Period for each Intraday VWAP

Purchase, (A) during which Intraday VWAP Purchase Period the opening or first purchase of Common Stock at or following the official open of the primary (or “regular”) trading session on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market) on the Purchase Date for such Intraday VWAP Purchase has occurred, shall exclude from such calculation such opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date, and (B) during which Intraday VWAP Purchase Period the last or closing sale of Common Stock at or prior to the official close of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on the Purchase Date for such Intraday VWAP Purchase has occurred (as applicable), shall exclude from such calculation such last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date. All such calculations shall be appropriately adjusted for any stock dividend, stock split, stock combination, recapitalization or other similar transaction.

“**VWAP Purchase**” shall have the meaning assigned to such term in Section 3.1.

“**VWAP Purchase Commencement Time**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, 9:30:01 a.m., New York City time, on the Purchase Date for such VWAP Purchase, or such later time on such Purchase Date publicly announced by the Trading Market (or, if the Common Stock is then listed on an Eligible Market, by such Eligible Market) as the official open of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on such Purchase Date.

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“**VWAP Purchase Ending Time**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, the time on the Purchase Date for such VWAP Purchase that is the earliest of: (i) 4:00 p.m., New York City time, on the applicable Purchase Date for such VWAP Purchase, or such earlier time publicly announced by the Trading Market (or, if the Common Stock is then listed on an Eligible Market, by such Eligible Market) as the official close of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on such Purchase Date; (ii) immediately at such time following the VWAP Purchase Commencement Time of the VWAP Purchase Period for such VWAP Purchase that the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during such VWAP Purchase Period has exceeded the applicable VWAP Purchase Share Volume Maximum for such VWAP Purchase; provided, however, that the calculation of the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) shall exclude from such calculation (A) the opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date and (B) the last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date (as applicable); and (iii) immediately at such time following the VWAP Purchase Commencement Time of the VWAP Purchase Period for such VWAP Purchase that the Sale Price of any share of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during such VWAP Purchase Period is less than the applicable VWAP Purchase Minimum Price Threshold; provided, however, that the determination of whether the Sale Price of any share of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during such VWAP Purchase Period shall exclude (A) the opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date and (B) the last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date (as applicable) (in each case, to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

“**VWAP Purchase Maximum Amount**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, such number of shares of Common Stock equal to the lesser of: (i) the product of (a) the Purchase Share Percentage, multiplied by (b) the Purchase Volume Reference Amount applicable to such VWAP Purchase, and (ii) the product of (a) the Purchase Share Percentage, multiplied by (b) the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) during the VWAP Purchase Period for such VWAP Purchase; provided, however, that the calculation of the total number (or volume) of shares of Common Stock traded on the Trading Market (or on such Eligible Market, as applicable) shall exclude from such calculation (A) the opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date and (B) the last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date (as applicable) (in each case, to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

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“**VWAP Purchase Minimum Price Threshold**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, the dollar amount specified by the Company in the applicable VWAP Purchase Notice for such VWAP Purchase as the per share minimum Sale Price threshold to be used in determining whether the event in clause (iii) of the definition of “VWAP Purchase Ending Time” shall have occurred during the applicable VWAP Purchase Period for such VWAP Purchase (to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction); provided, however, that if the Company has not specified any such dollar amount as the per share minimum Sale Price threshold in the applicable VWAP Purchase Notice for such VWAP Purchase, then the per share minimum Sale Price threshold to be used in determining whether the event in clause (iii) of the definition of “VWAP Purchase Ending Time” shall have occurred during the applicable VWAP Purchase Period for such VWAP Purchase shall be such dollar amount equal to the product of (a) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the Purchase Date for such VWAP Purchase, multiplied by (b) 0.75 (to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

“**VWAP Purchase Notice**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, an irrevocable written notice delivered by the Company to the Investor, and received by the Investor, after 6:00 a.m., New York City time, and prior to 9:00 a.m., New York City time, on the Purchase Date for such VWAP Purchase, directing the Investor to purchase a specified VWAP Purchase Share Amount (such specified VWAP Purchase Share Amount subject to adjustment as set forth in Section 3.1 as necessary to give effect to the VWAP Purchase Maximum Amount), at the applicable VWAP Purchase Price therefor on such Purchase Date for such VWAP Purchase in accordance with this Agreement.

“**VWAP Purchase Period**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, the period on the Purchase Date for such VWAP Purchase, beginning at the applicable VWAP Purchase Commencement Time and ending at the applicable VWAP Purchase Ending Time on such Purchase Date for such VWAP Purchase.

“**VWAP Purchase Price**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, the purchase price per Share to be purchased by the Investor in such VWAP Purchase, equal to the product of (i) 0.97, multiplied by (ii) the VWAP of the Common Stock for the applicable VWAP Purchase Period on the applicable Purchase Date for such VWAP Purchase; provided, that the calculation of the VWAP for the Common Stock for the VWAP Purchase Period for each VWAP Purchase, (A) during which VWAP Purchase Period the opening or first purchase of Common Stock at or following the official open of the primary (or “regular”) trading session on the Trading Market (or, if the Common Stock is then listed on an Eligible Market, on such Eligible Market) on the Purchase Date for such VWAP Purchase has occurred, shall exclude from such calculation such opening or first purchase of Common Stock at or following the official open of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date, and (B) during which VWAP Purchase Period the last or closing sale of Common Stock at or prior to the official close of the primary (or “regular”) trading session on the Trading Market (or on such Eligible Market, as applicable) on the Purchase Date for such VWAP Purchase has occurred (as applicable), shall exclude from such calculation such last or closing sale of Common Stock at or prior to the official close of such primary (or “regular”) trading session that is reported in the consolidated system on such Purchase Date. All such calculations shall be appropriately adjusted for any stock dividend, stock split, stock combination, recapitalization or other similar transaction.

“**VWAP Purchase Share Amount**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, the total number of Shares to be purchased by the Investor in such VWAP Purchase as specified by the Company in the applicable VWAP Purchase Notice for such VWAP Purchase, which total number of Shares shall not exceed the VWAP Purchase Maximum Amount applicable to such VWAP Purchase (and such number of Shares specified by the Company in the applicable VWAP Purchase Notice for such VWAP Purchase shall be subject to automatic adjustment in accordance with Section 3.1 hereof as necessary to give effect to the VWAP Purchase Maximum Amount limitation applicable to such VWAP Purchase as set forth in this Agreement).

“**VWAP Purchase Share Volume Maximum**” means, with respect to a VWAP Purchase made pursuant to Section 3.1, a number of shares of Common Stock equal to the quotient obtained by dividing (i) the VWAP Purchase Share Amount to be purchased by the Investor in such VWAP Purchase, by (ii) the Purchase Share Percentage (to be appropriately adjusted for any reorganization, recapitalization, non-cash dividend, stock split, reverse stock split or other similar transaction).

EXHIBIT A

FORM OF REGISTRATION RIGHTS AGREEMENT

[TO BE FURNISHED SEPARATELY]

EXHIBIT B

CLOSING CERTIFICATE

[●], 2022

The undersigned, the [●] of AST SpaceMobile, Inc., a Delaware corporation (the “*Company*”), delivers this certificate in connection with the Common Stock Purchase Agreement, dated as of May 6, 2022 (the “*Agreement*”), by and between the Company and B. Riley Principal Capital, LLC, a Delaware limited liability company (the “*Investor*”), and hereby certifies on the date hereof that (capitalized terms used herein without definition have the meanings assigned to them in the Agreement):

1. Attached hereto as **Exhibit A** is a true, complete and correct copy of the Second Amended and Restated Certificate of Incorporation of the Company, as amended through the date hereof, as filed with the Secretary of State of the State of Delaware (the “*Certificate of Incorporation*”). The Certificate of Incorporation of the Company has not been further amended or restated, and no document with respect to any amendment to the Certificate of Incorporation of the Company has been filed in the office of the Secretary of State of the State of Delaware since the date shown on the face of the state certification relating to the Company’s Certificate of Incorporation, which is in full force and effect on the date hereof, and no action has been taken by the Company in contemplation of any such amendment or the dissolution, merger or consolidation of the Company.

2. Attached hereto as **Exhibit B** is a true and complete copy of the Amended and Restated Bylaws of the Company, as amended and restated through, and as in full force and effect on, the date hereof (the “*Bylaws*”), and no proposal for any amendment, repeal or other modification to the Bylaws of the Company has been taken or is currently pending before the Board of Directors or stockholders of the Company.

3. The Board of Directors of the Company has approved the transactions contemplated by the Transaction Documents; said approval has not been amended, rescinded or modified and remains in full force and effect as of the date hereof. Attached hereto as **Exhibit C** are true, correct and complete copies of the resolutions duly adopted by the Board of Directors of the Company on [●], 2022.

4. Each person who, as an officer of the Company, or as attorney-in-fact of an officer of the Company, signed the Transaction Documents to which the Company is a party, was duly elected, qualified and acting as such officer or duly appointed and acting as such attorney-in-fact, and the signature of each such person appearing on any such document is his genuine signature.

IN WITNESS WHEREOF, I have signed my name as of the date first above written.

Name:

Title:

EXHIBIT C

COMPLIANCE CERTIFICATE

The undersigned, the [●] of AST SpaceMobile, Inc., a Delaware corporation (the “*Company*”), delivers this certificate in connection with the Common Stock Purchase Agreement, dated as of May 6, 2022 (the “*Agreement*”), by and between the Company and B. Riley Principal Capital, LLC, a Delaware limited liability company (the “*Investor*”), and hereby certifies on the date hereof that, to the best of his knowledge after reasonable investigation, on behalf of the Company (capitalized terms used herein without definition have the meanings assigned to them in the Agreement):

1. The undersigned is the duly appointed [●] of the Company.

2. Except as set forth in the attached Disclosure Schedule, the representations and warranties of the Company set forth in Article V of the Agreement (i) that are not qualified by “materiality” or “Material Adverse Effect” are true and correct in all material respects as of [the Commencement Date] [the date hereof] with the same force and effect as if made on [the Commencement Date] [the date hereof], except to the extent such representations and warranties are as of another date, in which case, such representations and warranties are true and correct in all material respects as of such other date and (ii) that are qualified by “materiality” or “Material Adverse Effect” are true and correct as of [the Commencement Date] [the date hereof] with the same force and effect as if made on [the Commencement Date] [the date hereof], except to the extent such representations and warranties are as of another date, in which case, such representations and warranties are true and correct as of such other date.

3. The Company has performed, satisfied and complied in all material respects with all covenants, agreements and conditions required by the Agreement and the Registration Rights Agreement to be performed, satisfied or complied with by the Company [at or prior to Commencement][on or prior to the date hereof].

4. The Shares issuable in respect of each VWAP Purchase Notice and each Intraday VWAP Purchase Notice effected pursuant to the Agreement shall be delivered to the Investor electronically as DWAC Shares, and shall be freely tradable and transferable and without restriction on resale and without any stop transfer instructions maintained against such Shares. In accordance with Section 10.1(iv) of the Agreement, the Initial Commitment Shares have been delivered to the Investor electronically as DWAC Shares, and the Initial Commitment Shares are freely tradable and transferable and without restriction on resale and without any stop transfer instructions maintained against the Commitment Shares.

5. As of [the Commencement Date][the date hereof], the Company does not possess any material non-public information.

6. As of [the Commencement Date][the date hereof], the Company has reserved out of its authorized and unissued Common Stock, (i) [65,907]¹ [●] shares of Common Stock for the purpose of issuing Additional Commitment Shares pursuant to Section 10.1(ii)(b) under the Agreement and (ii) [24,912,000]² [●] shares of Common Stock solely for the purpose of issuing Shares pursuant to VWAP Purchases and Intraday VWAP Purchases effected under the Agreement.

7. No stop order suspending the effectiveness of the Registration Statement or the use of the Prospectus under the Securities Act has been issued and no proceedings for such purpose or pursuant to Section 8A of the Securities Act are pending before or, to the Knowledge of the Company, threatened by the Commission.

¹ To be reserved as of Commencement Date. May be adjusted in the future depending on whether any tranches of Additional Commitment Shares have previously been issued.

² To be reserved as of Commencement Date.

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The undersigned has executed this Certificate this [●] day of [●], 202[●].

By: _____
Name: _____
Title: _____

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Exhibit 10.2

Execution Version

REGISTRATION RIGHTS AGREEMENT

This **REGISTRATION RIGHTS AGREEMENT** (this “*Agreement*”), dated as of May 6, 2022, is by and between B. Riley Principal Capital, LLC, a Delaware limited liability company (the “*Investor*”), and AST SpaceMobile, Inc., a Delaware corporation (the “*Company*”).

RECITALS

A. The Company and the Investor have entered into that certain Common Stock Purchase Agreement, dated as of the date hereof (the “*Purchase Agreement*”), pursuant to which the Company may issue, from time to time, to the Investor up to the lesser of (i) \$75,000,000 in aggregate gross purchase price of newly issued shares of the Company’s Class A common stock, par value \$0.0001 per share (“*Common Stock*”), and (ii) the Exchange Cap (to the extent applicable under Section 3.4 of the Purchase Agreement), as provided for therein.

B. Pursuant to the terms of, and in consideration for the Investor entering into, the Purchase Agreement, the Company shall cause to be issued to the Investor the Commitment Shares in accordance with the terms of the Purchase Agreement.

C. Pursuant to the terms of, and in consideration for the Investor entering into, the Purchase Agreement, and to induce the Investor to execute and deliver the Purchase Agreement, the Company has agreed to provide the Investor with certain registration rights with respect to the Registrable Securities (as defined herein) as set forth herein.

AGREEMENT

NOW, THEREFORE, in consideration of the representations, warranties, covenants and agreements contained herein and in the Purchase Agreement, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, intending to be legally bound hereby, the Company and the Investor hereby agree as follows:

1. Definitions.

Capitalized terms used herein and not otherwise defined herein shall have the respective meanings set forth in the Purchase Agreement. As used in this Agreement, the following terms shall have the following meanings:

(a) “*Adverse Disclosure*” shall mean any public disclosure of material non-public information, which disclosure, in the good faith judgment of the Chief Executive Officer of the Company or the Board of Directors of the Company, after consultation with counsel to the Company, (i) would be required to be made in any Registration Statement or Prospectus in order for the applicable Registration Statement or Prospectus not to contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements contained therein (in the case of any Prospectus, in the light of the circumstances under which they were made) not misleading, (ii) would not be required to be made at such time if the Registration Statement were not being filed, declared effective or used, as the case may be, and (iii) the Company has a bona fide business purpose for not making such information public.

(b) “*Agreement*” shall have the meaning assigned to such term in the preamble of this Agreement

(c) “*Allowable Grace Period*” shall have the meaning assigned to such term in Section 3(p).

(d) “*Blue Sky Filing*” shall have the meaning assigned to such term in Section 6(a).

(e) “*Business Day*” means any day other than Saturday, Sunday or any other day on which commercial banks in New York, New York are authorized or required by law to remain closed.

(f) “*Claims*” shall have the meaning assigned to such term in Section 6(a).

(g) “*Commission*” means the U.S. Securities and Exchange Commission or any successor entity.

(h) “*Common Stock*” shall have the meaning assigned to such term in the recitals to this Agreement.

(i) “*Company*” shall have the meaning assigned to such term in the preamble of this Agreement.

(j) “**Company Party**” shall have the meaning assigned to such term in Section 6(b).

(k) “**Effective Date**” means the date that the applicable Registration Statement has been declared effective by the Commission.

(l) “**Effectiveness Deadline**” means (i) with respect to the Initial Registration Statement required to be filed to pursuant to Section 2(a), the earlier of (A) the sixtieth (60th) calendar day immediately after the Filing Deadline with respect to the Initial Registration Statement, if the Initial Registration Statement is subject to review by the Commission, and (B) if the Company is notified (orally or in writing) by the Commission that the Initial Registration Statement will not be reviewed by the Commission, the fifth (5th) calendar day after the date the Company is notified (orally or in writing, whichever is earlier) by the Commission that the Initial Registration Statement will not be reviewed by the Commission, and (ii) with respect to any New Registration Statements that may be required to be filed by the Company pursuant to this Agreement, the earlier of (A) the sixtieth (60th) calendar day immediately after the Filing Deadline with respect to such New Registration Statement, if such New Registration Statement is subject to review by the Commission, and (B) if the Company is notified (orally or in writing) by the Commission that such New Registration Statement will not be reviewed by the Commission, the fifth (5th) calendar day after the date the Company is notified (orally or in writing, whichever is earlier) by the Commission that such New Registration Statement will not be reviewed by the Commission.

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(m) “**Filing Deadline**” means (i) with respect to the Initial Registration Statement required to be filed to pursuant to Section 2(a), the 15th Business Day after the date of this Agreement and (ii) with respect to any New Registration Statements that may be required to be filed by the Company pursuant to this Agreement, the 10th Business Day following the sale of substantially all of the Registrable Securities included in the Initial Registration Statement or the most recent prior New Registration Statement, as applicable, or such other date as permitted by the Commission.

(n) “**Indemnified Damages**” shall have the meaning assigned to such term in Section 6(a).

(o) “**Initial Registration Statement**” shall have the meaning assigned to such term in Section 2(a).

(p) “**Investor**” shall have the meaning assigned to such term in the preamble of this Agreement.

(q) “**Investor Party**” and “Investor Parties” shall have the meaning assigned to such terms in Section 6(a).

(r) “**Legal Counsel**” shall have the meaning assigned to such term in Section 2(b).

(s) “**New Registration Statement**” shall have the meaning assigned to such term in Section 2(c).

(t) “**Person**” means any person or entity, whether a natural person, trustee, corporation, partnership, limited partnership, limited liability company, trust, unincorporated organization, business association, firm, joint venture, governmental agency or authority.

(u) “**Prospectus**” means the prospectus in the form included in the Registration Statement at the applicable Effective Date of the Registration Statement, as supplemented from time to time by any Prospectus Supplement, including the documents incorporated by reference therein.

(v) “**Prospectus Supplement**” means any prospectus supplement to the Prospectus filed with the Commission from time to time pursuant to Rule 424(b) under the Securities Act, including the documents incorporated by reference therein.

(w) “**Purchase Agreement**” shall have the meaning assigned to such term in the recitals to this Agreement.

(x) “**register**,” “**registered**,” and “**registration**” refer to a registration effected by preparing and filing one or more Registration Statements in compliance with the Securities Act and pursuant to Rule 415 and the declaration of effectiveness of such Registration Statement(s) by the Commission.

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(y) “**Registrable Securities**” “ means all of (i) the Shares, (ii) the Initial Commitment Shares, (iii) the Additional Commitment Shares, and (iv) any capital stock of the Company issued or issuable with respect to such Shares, Initial Commitment Shares or Additional Commitment Shares, including, without limitation, (1) as a result of any stock split, stock dividend, recapitalization, exchange or similar event or otherwise and (2) shares of capital stock of the Company into which the shares of Common Stock are converted or exchanged and shares of capital stock of a successor entity into which the shares of Common Stock are converted or exchanged, in each case until such time as such securities cease to be Registrable Securities pursuant to Section 2(f).

(z) “**Registration Statement**” means a registration statement or registration statements of the Company filed under the Securities Act covering the resale by the Investor of Registrable Securities, as such registration statement or registration statements may be amended and supplemented from time to time, including all documents filed as part thereof or incorporated by reference therein.

(aa) “**Registration Period**” shall have the meaning assigned to such term in Section 3(a).

(bb) “**Rule 144**” means Rule 144 promulgated by the Commission under the Securities Act, as such rule may be amended from time to time, or any other similar or successor rule or regulation of the Commission that may at any time permit the Investor to sell securities of the Company to the public without registration.

(cc) “**Rule 415**” means Rule 415 promulgated by the Commission under the Securities Act, as such rule may be amended from time to time, or any other similar or successor rule or regulation of the Commission providing for offering securities on a delayed or continuous basis.

(dd) “**Staff**” shall have the meaning assigned to such term in Section 2(c).

(ee) “**Violations**” shall have the meaning assigned to such term in Section 6(a).

2. Registration.

(a) Mandatory Registration. The Company shall prepare and, as soon as practicable, but in no event later than the Filing Deadline, file with the Commission the Initial Registration Statement on Form S-1 (or any successor form) covering the resale by the Investor of (i) all of the Initial Commitment Shares, (ii) all of the Additional Commitment Shares and (iii) the maximum number of additional Registrable Securities as shall be permitted to be included thereon in accordance with applicable Commission 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 Initial Registration Statement shall contain the “Selling Stockholder” and “Plan of Distribution” sections in substantially the form attached hereto as Exhibit B. The Company shall use its commercially reasonable efforts to have the Initial Registration Statement declared effective by the Commission by the applicable Effectiveness Deadline

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(b) Legal Counsel. Subject to Section 5 hereof, the Investor shall have the right to select one legal counsel to review, solely on its behalf, any registration pursuant to this Section 2 (“**Legal Counsel**”), which shall be Dorsey & Whitney LLP, or such other counsel as thereafter designated by the Investor. Except as provided under Section 10.1(i) of the Purchase Agreement, the Company shall have no obligation to reimburse the Investor for any and all legal fees and expenses of the Legal Counsel incurred in connection with the transactions contemplated hereby.

(c) Sufficient Number of Shares Registered. If at any time all Registrable Securities are not covered by the Initial Registration Statement filed pursuant to Section 2(a) as a result of Section 2(e) or otherwise, the Company shall use its commercially reasonable efforts to file with the Commission one or more additional Registration Statements so as to cover all of the Registrable Securities not covered by the Initial Registration Statement, in each case, as soon as practicable (taking into account any position of the staff of the Commission (“**Staff**”) with respect to the date on which the Staff will permit such additional Registration Statement(s) to be filed with the Commission and the rules and regulations of the Commission) (each such additional Registration Statement, a “**New Registration Statement**”), but in no event later than the applicable Filing Deadline for such New Registration Statement(s). The Company shall use its commercially reasonable efforts to cause each such New Registration Statement to become effective by the applicable Effectiveness Deadline.

(d) No Inclusion of Other Securities. In no event shall the Company include any securities other than Registrable Securities on any Registration Statement pursuant to Section 2(a) or Section 2(c).

(e) Offering. If the Staff or the Commission 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 effective and be used for resales by the Investor on a delayed or continuous basis under Rule 415 at then-prevailing market prices (and not fixed prices), or if after the filing of any Registration Statement pursuant to Section 2(a) or Section 2(c), the Company is otherwise required by the Staff or the Commission to reduce the number of Registrable Securities included in such Registration Statement, then the Company shall reduce the number of Registrable Securities to be included in such Registration Statement (after consultation with the Investor and Legal Counsel as to the specific Registrable Securities to be removed therefrom) until such time as the Staff and the Commission shall so permit such Registration Statement to become effective and be used as aforesaid. Notwithstanding anything in this Agreement to the contrary, if after giving effect to the actions referred to in the immediately preceding sentence, the Staff or the Commission does not permit such Registration Statement to become effective and be used for resales by the Investor on a delayed or continuous basis under Rule 415 at then-prevailing market prices (and not fixed prices), the Company shall not request acceleration of the Effective Date of such Registration Statement, the Company shall promptly (but in no event later than 48 hours) request the withdrawal of such Registration Statement pursuant to Rule 477 under the Securities Act, and the Effectiveness Deadline shall automatically be deemed to have elapsed with respect to such Registration Statement at such time as the Staff or the Commission has made a final and non-appealable determination that the Commission will not permit such Registration Statement to be so utilized (unless prior to such time the Company has received assurances from the Staff or the Commission that a New Registration Statement filed by the Company with the Commission promptly thereafter may be so utilized). In the event of any reduction in Registrable Securities pursuant to this paragraph, the Company shall use its commercially reasonable efforts to file one or more New Registration Statements with the Commission 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 Prospectuses contained therein are available for use by the Investor.

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(f) Any Registrable Security shall cease to be a “Registrable Security” at the earliest of the following: (i) when a Registration Statement covering such Registrable Security becomes or has been declared effective by the Commission and such Registrable Security has been sold or disposed of pursuant to such effective Registration Statement; and (ii) the date that is the later of (A) the first (1st) anniversary of the effective date of termination of the Purchase Agreement in accordance with Article VIII of the Purchase Agreement and (B) the first (1st) anniversary of the date of the last sale of any Registrable Securities by the Company to the Investor pursuant to the Purchase Agreement.

3. Related Obligations.

The Company shall use its commercially reasonable efforts to effect the registration of the Registrable Securities in accordance with the intended method of disposition thereof, and, pursuant thereto, during the term of this Agreement, the Company shall have the following obligations:

(a) The Company shall promptly prepare and file with the Commission the Initial Registration Statement pursuant to Section 2(a) hereof and one or more New Registration Statements pursuant to Section 2(c) hereof with respect to the Registrable Securities, but in no event later than the applicable Filing Deadline therefor, and the Company shall use its commercially reasonable efforts to cause each such Registration Statement to become effective by the applicable Effectiveness Deadline. Subject to Allowable Grace Periods, the Company shall keep each Registration Statement effective (and the Prospectus contained therein available for use) pursuant to Rule 415 for resales by the Investor on a continuous basis at then-prevailing market prices (and not fixed prices) at all times until the earlier of (i) the date on which the Investor shall have sold all of the Registrable Securities covered by such Registration Statement and (ii) the date of termination of the Purchase Agreement if as of such termination date the Investor holds no Registrable Securities (or, if applicable, the date on which such securities cease to be Registrable Securities after the date of termination of the Purchase Agreement) (the “**Registration Period**”). Notwithstanding anything to the contrary contained in this Agreement (but subject to the provisions of Section 3(p) hereof), the Company shall ensure that, when filed and at all times while effective, each Registration Statement (including, without limitation, all amendments and supplements thereto) and the Prospectus (including, without limitation, all amendments and supplements thereto) used in connection with such Registration Statement 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 the case of Prospectuses, in the light of the circumstances in which they were made) not misleading. The Company shall submit to the Commission, as soon as reasonably practicable after the date that the Company learns that no review of a particular Registration Statement will be made by the Staff or that the Staff has no further comments on a particular Registration Statement (as the case may be), a request for acceleration of effectiveness of such Registration Statement to a time and date as soon as reasonably practicable in accordance with Rule 461 under the Securities Act.

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(b) Subject to Section 3(p) of this Agreement, the Company shall use its commercially reasonable efforts to prepare and file with the Commission such amendments (including, without limitation, post-effective amendments) and supplements to each Registration Statement and the Prospectus used in connection with each such Registration Statement, which Prospectus is to be filed pursuant to Rule 424 promulgated under the Securities Act, as may be necessary to keep each such Registration Statement effective (and the Prospectus contained therein current and available for use) at all times during the Registration Period for such Registration Statement, and, during such period, comply with the provisions of the Securities Act with respect to the disposition of all Registrable Securities of the Company required to be covered by such 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 Investor. Without limiting the generality of the foregoing, the Company covenants and agrees that (i) at or before 8:30 a.m. (New York City time) on the Trading Day immediately following the Effective Date of the Initial Registration Statement and any New Registration Statement (or any post-effective amendment thereto), the Company shall file with the Commission in accordance with Rule 424(b) under the Securities Act the final Prospectus to be used in connection with sales pursuant to such Registration Statement (or post-effective amendment thereto), and (ii) if the transactions contemplated by any one or more VWAP Purchases and/or any one or more Intraday VWAP Purchases are material to the Company (individually or collectively), the material terms of which have not previously been described in the Prospectus or any Prospectus Supplement filed with the Commission under Rule 424(b) under the Securities Act (or in any periodic report, statement, schedule or other document filed by the Company with the Commission under the Exchange Act and incorporated by reference in the Registration Statement and the Prospectus), or if otherwise required under the Securities Act (or the public written interpretive guidance of the Staff of the Commission relating thereto), in each case as reasonably and mutually determined by the Company and the Investor, then, no later than (i) 9:00 a.m., New York City time, on the Purchase Date for such VWAP Purchase and (ii) as soon as reasonably practicable on the Purchase Date for such Intraday VWAP Purchase(s), the Company shall file with the Commission a Prospectus Supplement pursuant to Rule 424(b) under the Securities Act with respect to such VWAP Purchase(s) and such Intraday VWAP Purchase(s) (as applicable) requiring such filing, disclosing the total number of Shares that are to be issued and sold to the Investor pursuant to such VWAP Purchase(s) and Intraday VWAP Purchase(s) (as applicable), the total purchase price for the Shares subject thereto, the applicable purchase price(s) for such Shares and the estimated net proceeds that to be received by the Company from the sale of such Shares. To the extent not previously disclosed in the Prospectus or a Prospectus Supplement, the Company shall disclose in its Quarterly Reports on Form 10-Q and in its Annual Reports on Form 10-K the information described in the immediately preceding sentence relating to all VWAP Purchase(s) and all Intraday VWAP Purchase(s) (as applicable) effected and settled during the relevant fiscal quarter and shall file such Quarterly Reports on Form 10-Q and Annual Reports on Form 10-K with the Commission within the applicable time period prescribed for such report under the Exchange Act. In the case of amendments and supplements to any Registration Statement on Form S-1 or Prospectus related thereto which are required to be filed pursuant to this Agreement (including, without limitation, pursuant to this Section 3(b)) by reason of the Company filing a report on Form 8-K, Form 10-Q or Form 10-K or any analogous report under the Exchange Act, the Company shall have incorporated such report by reference into such Registration Statement and Prospectus, if applicable, or shall promptly file such amendments or supplements to the Registration Statement or Prospectus with the Commission, for the purpose of including or incorporating such report into such Registration Statement and Prospectus. The Company consents to the use of the Prospectus (including, without limitation, any supplement thereto) included in each Registration Statement in accordance with the provisions of the Securities Act and with the securities or “Blue Sky” laws of the jurisdictions in which the Registrable Securities may be sold by the Investor, in connection with the resale of the Registrable Securities and for such period of time thereafter as such Prospectus (including, without limitation, any supplement thereto) (or in lieu thereof, the notice referred to in Rule 173(a) under the Securities Act) is required by the Securities Act to be delivered in connection with resales of Registrable Securities.

(c) The Company shall (A) permit Legal Counsel an opportunity to review and comment upon (i) each Registration Statement at least two (2) Business Days prior to its filing with the Commission and (ii) all amendments and supplements to each Registration Statement (including, without limitation, the Prospectus contained therein) (except for Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, and any similar or successor reports or Prospectus Supplements the contents of which is limited to that set forth in such reports) within a reasonable number of days prior to their filing with the Commission, and (B) shall reasonably consider any comments of the Investor and Legal Counsel on any such Registration Statement or amendment or supplement thereto or to any Prospectus contained therein. The Company shall promptly furnish to Legal Counsel, without charge, (i) electronic copies of any correspondence from the Commission or the Staff to the Company or its representatives relating to each Registration Statement (which correspondence shall be redacted to exclude any material, non-public information regarding the Company or any of its Subsidiaries), (ii) after the same is prepared and filed with the Commission, one (1) electronic copy of each Registration Statement and any amendment(s) and supplement(s) thereto, including, without limitation, financial statements and schedules, all documents incorporated therein by reference, if requested by the Investor, and all exhibits and (iii) upon the effectiveness of each Registration Statement, one (1) electronic copy of the Prospectus included in such Registration Statement and all amendments and supplements

thereto; provided, however, the Company shall not be required to furnish any document (other than the Prospectus, which may be provided in .PDF format) to Legal Counsel to the extent such document is available on EDGAR).

(d) Without limiting any obligation of the Company under the Purchase Agreement, the Company shall promptly furnish to the Investor, without charge, (i) after the same is prepared and filed with the Commission, at least one (1) electronic copy of each Registration Statement and any amendment(s) and supplement(s) thereto, including, without limitation, financial statements and schedules, all documents incorporated therein by reference, if requested by the Investor, all exhibits thereto, (ii) upon the effectiveness of each Registration Statement, one (1) electronic 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 from time to time) and (iii) such other documents, including, without limitation, copies of any final Prospectus and any Prospectus Supplement thereto, as the Investor may reasonably request from time to time in order to facilitate the disposition of the Registrable Securities owned by the Investor; provided, however, the Company shall not be required to furnish any document (other than the Prospectus, which may be provided in .PDF format) to the Investor to the extent such document is available on EDGAR).

(e) The Company shall take such action as is reasonably necessary to (i) register and qualify, unless an exemption from registration and qualification applies, the resale by the Investor of the Registrable Securities covered by a Registration Statement under such other securities or “Blue Sky” laws of all applicable jurisdictions in the United States, (ii) prepare and file in those jurisdictions, such amendments (including, without limitation, 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 reasonably 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, 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(e), (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 Legal Counsel and the Investor 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.

(f) The Company shall notify Legal Counsel and the Investor in writing of the happening of any event, as promptly as reasonably practicable after becoming aware of such event, as a result of which the Prospectus included in a 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 the light of the circumstances under which they were made, not misleading (provided that in no event shall such notice contain any material, non-public information regarding the Company or any of its Subsidiaries), and, subject to Section 3(p), promptly prepare a supplement or amendment to such Registration Statement and such Prospectus contained therein to correct such untrue statement or omission and deliver one (1) electronic copy of such supplement or amendment to Legal Counsel and the Investor (or such other number of copies as Legal Counsel or the Investor may reasonably request). The Company shall also promptly notify Legal Counsel and the Investor in writing (i) when a Prospectus or any Prospectus Supplement or post-effective amendment has been filed, when a Registration Statement or any post-effective amendment has become effective (notification of such effectiveness shall be delivered to Legal Counsel and the Investor by facsimile or e-mail on the same day of such effectiveness), and when the Company receives written notice from the Commission that a Registration Statement or any post-effective amendment will be reviewed by the Commission, (ii) of any request by the Commission for amendments or supplements to a Registration Statement or related Prospectus or related information, (iii) of the Company’s reasonable determination that a post-effective amendment to a Registration Statement would be appropriate and (iv) of the receipt of any request by the Commission or any other federal or state governmental authority for any additional information relating to the Registration Statement or any amendment or supplement thereto or any related Prospectus. The Company shall respond as promptly as reasonably practicable to any comments received from the Commission with respect to a Registration Statement or any amendment thereto. Nothing in this Section 3(f) shall limit any obligation of the Company under the Purchase Agreement.

(g) The Company shall (i) use its commercially reasonable efforts to prevent the issuance of any stop order or other suspension of effectiveness of a Registration Statement or the use of any Prospectus contained therein, or the suspension of the qualification, or the loss of an exemption from qualification, of any of the 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 time and (ii) notify Legal Counsel and 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.

(h) The Company shall hold in confidence and not make any disclosure of information concerning the Investor provided to the Company unless (i) disclosure of such information is necessary to comply with federal or state securities laws, (ii) the disclosure of

such information is necessary to avoid or correct a misstatement or omission in any Registration Statement or is otherwise required to be disclosed in such Registration Statement pursuant to the Securities Act, (iii) the release of such information is ordered pursuant to a subpoena or other final, non-appealable order from a court or governmental body of competent jurisdiction, or (iv) such information has been made generally available to the public other than by disclosure in violation of this Agreement or any other Transaction Document. The Company agrees that it shall, upon learning that disclosure of such information concerning the Investor is sought in or by a court or governmental body of competent jurisdiction or through other means, give prompt written notice to the Investor and allow the Investor, at the Investor's expense, to undertake appropriate action to prevent disclosure of, or to obtain a protective order for, such information.

(i) Without limiting any obligation of the Company under the Purchase Agreement, the Company shall use its commercially reasonable efforts either to (i) cause all of the Registrable Securities covered by each Registration Statement to be listed on the Trading Market, or (ii) secure designation and quotation of all of the Registrable Securities covered by each Registration Statement on another Eligible Market. The Company shall pay all fees and expenses in connection with satisfying its obligation under this Section 3(i).

(j) The Company shall cooperate with the Investor and, to the extent applicable, facilitate the timely preparation and delivery of Registrable Securities, as DWAC Shares, to be offered pursuant to a Registration Statement and enable such DWAC Shares to be in such denominations or amounts (as the case may be) as the Investor may reasonably request from time to time and registered in such names as the Investor may request. Investor hereby agrees that it shall cooperate with the Company, its counsel and its transfer agent in connection with any issuances of DWAC Shares, and hereby represents, warrants and covenants to the Company that that it will resell such DWAC Shares only pursuant to the Registration Statement in which such DWAC Shares are included, in a manner described under the caption "Plan of Distribution" in such Registration Statement, and in a manner in compliance with all applicable U.S. federal and state securities laws, rules and regulations, including, without limitation, any applicable prospectus delivery requirements of the Securities Act. DWAC Shares shall be free from all restrictive legends may be transmitted by the Company's transfer agent to the Investor by crediting an account at DTC as directed in writing by the Investor.

(k) Upon the written request of the Investor, the Company shall as soon as reasonably practicable after receipt of notice from the Investor and subject to Section 3(p) hereof, (i) incorporate in a Prospectus Supplement or post-effective amendment such information as the Investor reasonably requests to 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 offered or sold, the purchase price being paid therefor and any other terms of the offering of the Registrable Securities to be sold in such offering; (ii) make all required filings of such Prospectus Supplement or post-effective amendment after being notified of the matters to be incorporated in such Prospectus Supplement or post-effective amendment; and (iii) supplement or make amendments to any Registration Statement or Prospectus contained therein if reasonably requested by the Investor.

(l) The Company shall use its commercially reasonable efforts to cause the Registrable Securities covered by a 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.

(m) The Company shall make generally available to its security holders (which may be satisfied by making such information available on EDGAR) as soon as practical, but not later than ninety (90) days after the close of the period covered thereby, an earnings statement (in form complying with, and in the manner provided by, the provisions of Rule 158 under the Securities Act) covering a twelve-month period beginning not later than the first day of the Company's fiscal quarter next following the applicable Effective Date of each Registration Statement.

(n) The Company shall otherwise use its commercially reasonable efforts to comply with all applicable rules and regulations of the Commission in connection with any registration hereunder.

(o) Within one (1) Business Day after each Registration Statement which covers Registrable Securities is declared effective by the Commission, the Company shall deliver to the transfer agent for such Registrable Securities (with copies to the Investor) confirmation that such Registration Statement has been declared effective by the Commission in the form attached hereto as Exhibit A or such other form required by the transfer agent.

(p) Notwithstanding anything to the contrary contained herein (but subject to the last sentence of this Section 3(p)), at any time after the Effective Date of a particular Registration Statement, the Company may, upon written notice to Investor, suspend Investor's use of any Prospectus that is a part of any Registration Statement (in which event the Investor shall discontinue sales of the Registrable Securities pursuant to such Registration Statement contemplated by this Agreement, but shall settle any previously made sales of Registrable Securities), if the Investor's continued use of such Prospectus in connection with any sale, transfer or other disposition of Registrable Securities by the Investor pursuant to such Registration Statement would (i) require the Company to make an Adverse Disclosure, (ii) require the inclusion in such Registration Statement and Prospectus of financial statements that are unavailable to the Company for reasons beyond the Company's control, or (iii) in the good faith judgment of the majority of the Board of Directors of the Company (after consultation with counsel to the Company), be seriously detrimental to the Company, and the majority of the Board of Directors of the Company concludes as a result that it is essential to suspend the Investor's continued use of such Prospectus in connection with any sale, transfer or other disposition of Registrable Securities by the Investor pursuant to such Registration Statement, and to defer an amendment or supplement to such Registration Statement (or such Prospectus) contemplated by this Agreement on a post effective basis, as applicable, at such time (each, an "**Allowable Grace Period**"), the Company may, upon giving prompt written notice of such action to the Investor, suspend the Investor's continued use of such Prospectus in connection with any sale, transfer or other disposition of Registrable Securities by the Investor and defer an amendment or supplement to such Registration Statement (or such Prospectus) on a post effective basis, as applicable, in each case for the shortest period of time determined in good faith by the Company to be necessary for such purpose. In the Company exercises its rights under this Section 3(p), the Investor agrees to suspend, immediately upon their receipt of the notice referred to above, their use of the Prospectus in connection with any sale, transfer or other disposition of Registrable Securities by the Investor pursuant to such Registration Statement; *provided, however*, that in no event shall the Investor be suspended from selling Registrable Securities pursuant to any Registration Statement for a period that exceeds forty-five (45) consecutive Trading Days or an aggregate of ninety (90) days in any 365-day period; and *provided, further*, the Company shall not effect any such suspension during (A) the first 10 consecutive Trading Days after the Effective Date of the particular Registration Statement or (B) the five-Trading Day period commencing on the Purchase Date for each VWAP Purchase and for each Intraday VWAP Purchase (as applicable). Upon disclosure of such information or the termination of the condition described above, the Company shall provide prompt notice, but in any event within one Business Day of such disclosure or termination, to the Investor and shall promptly terminate any suspension of sales it has put into effect and shall take such other reasonable actions to permit registered sales of Registrable Securities as contemplated in this Agreement (including as set forth in the first sentence of Section 3(f) with respect to the information giving rise thereto unless such material, non-public information is no longer applicable). Notwithstanding anything to the contrary contained in this Section 3(p), the Company shall cause its transfer agent to deliver DWAC Shares to a transferee of the Investor in accordance with the terms of the Purchase Agreement in connection with any sale of Registrable Securities with respect to which (i) the Company has made a sale to Investor and (ii) the Investor has entered into a contract for sale, and delivered a copy of the Prospectus included as part of the particular Registration Statement to the extent applicable, in each case prior to the Investor's receipt of the notice of an Allowable Grace Period and for which the Investor has not yet settled.

4. Obligations of the Investor.

(a) At least five (5) Business Days prior to the first anticipated filing date of each Registration Statement (or such shorter period to which the parties agree), the Company shall notify the Investor in writing of the information the Company requires from the Investor with respect to such Registration Statement. It shall be a condition precedent to the obligations of the Company to complete the registration pursuant to this Agreement with respect to the Registrable Securities of the Investor that 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 and maintain the effectiveness of the registration of such Registrable Securities and shall execute such documents in connection with such registration as the Company may reasonably request.

(b) The Investor, by its acceptance of the Registrable Securities, agrees to cooperate with the Company as reasonably requested by the Company in connection with the preparation and filing of each Registration Statement hereunder, unless the Investor has notified the Company in writing of the Investor's election to exclude all of the Investor's Registrable Securities from such Registration Statement.

(c) The Investor agrees that, upon receipt of any notice from the Company of the happening of any event of the kind described in Section 3(p) or the first sentence of 3(f), the Investor shall immediately discontinue disposition of Registrable Securities pursuant to any Registration Statement(s) covering such Registrable Securities until the Investor's receipt of the copies of the supplemented or amended Prospectus contemplated by Section 3(p) or the first sentence of Section 3(f) or receipt of notice that no supplement or amendment is required. Notwithstanding anything to the contrary in this Section 4(c), the Company shall cause its transfer agent to deliver DWAC Shares to a transferee of the Investor in accordance with the terms of the Purchase Agreement in connection with any sale of Registrable Securities with respect to which the 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(p) or the first sentence of Section 3(f) and for which the Investor has not yet settled.

(d) The Investor covenants and agrees that it shall comply with the prospectus delivery and other requirements of the Securities Act as applicable to it in connection with sales of Registrable Securities pursuant to a Registration Statement.

5. Expenses of Registration.

Each party shall bear its own fees and expenses related to the transactions contemplated by this Agreement. For the avoidance of doubt, the Company shall pay for all registration, listing and qualifications fees, printers and accounting fees, and fees and disbursements of counsel for the Company; and the Investor shall pay any sales or brokerage commissions and fees and disbursements of counsel for, and other expenses of, the Investor incurred in connection with the registrations, filings or qualifications pursuant to Section 2 and 3, and all U.S. federal, state and local stamp and other similar transfer and other taxes and duties levied in connection with the sale of the Securities pursuant hereto.

6. Indemnification.

(a) In the event any Registrable Securities are included in any Registration Statement under this Agreement, to the fullest extent permitted by law, the Company will, and hereby does, indemnify, hold harmless and defend the Investor, each of its directors, officers, stockholders, members, partners, employees, agents, advisors, representatives (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title) and each Person, if any, who controls the Investor within the meaning of the Securities Act or the Exchange Act and each of the directors, officers, stockholders, members, partners, employees, agents, advisors, representatives (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding the lack of such title or any other title) of such controlling Persons (each, an “*Investor Party*” and collectively, the “*Investor Parties*”), against any losses, obligations, claims, damages, liabilities, contingencies, judgments, fines, penalties, charges, costs (including, without limitation, court costs, reasonable attorneys’ fees, costs of defense and investigation), amounts paid in settlement or expenses, joint or several, (collectively, “*Claims*”) reasonably 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 Commission, whether pending or threatened, whether or not an Investor Party 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 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 or (ii) any untrue statement or alleged untrue statement of a material fact contained in any Prospectus (as amended or supplemented) or in any Prospectus Supplement 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 (the matters in the foregoing clauses (i) and (ii) being, collectively, “*Violations*”). Subject to Section 6(e), the Company shall reimburse the Investor Parties, 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 Investor Party arising out of or based upon a Violation which occurs in reliance upon and in conformity with information furnished in writing to the Company by such Investor Party for such Investor Party expressly for use in connection with the preparation of such Registration Statement, Prospectus or Prospectus Supplement or any such amendment thereof or supplement thereto (it being hereby acknowledged and agreed that the written information set forth on Exhibit C attached hereto is the only written information furnished to the Company by or on behalf of the Investor expressly for use in any Registration Statement, Prospectus or Prospectus Supplement); (ii) shall not be available to the Investor to the extent such Claim is based on a failure of the Investor to deliver or to cause to be delivered the Prospectus (as amended or supplemented) made available by the Company (to the extent applicable), including, without limitation, a corrected Prospectus, if such Prospectus (as amended or supplemented) or corrected Prospectus was timely made available by the Company pursuant to Section 3(d) and then only if, and to the extent that, following the receipt of the corrected Prospectus no grounds for such Claim would have existed; and (iii) 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 or delayed. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of the Investor Party and shall survive the transfer of any of the Registrable Securities by the Investor pursuant to Section 9.

(b) In connection with any Registration Statement in which the Investor is participating, the Investor agrees to severally and not jointly indemnify, hold harmless and defend, to the same extent and in the same manner as is set forth in Section 6(a), the Company, each of its directors, each of its officers who signs the Registration Statement and each Person, if any, who controls the Company within the meaning of the Securities Act or the Exchange Act (each, a “**Company Party**”), against any Claim or Indemnified Damages to which any of them may become subject, under the Securities Act, the Exchange Act or otherwise, insofar as such Claim or Indemnified Damages arise out of or are based upon any Violation, in each case, to the extent, and only to the extent, that such Violation occurs in reliance upon and in conformity with written information relating to the Investor furnished to the Company by the Investor expressly for use in connection with such Registration Statement, the Prospectus included therein or any Prospectus Supplement thereto (it being hereby acknowledged and agreed that the written information set forth on Exhibit C attached hereto is the only written information furnished to the Company by or on behalf of the Investor expressly for use in any Registration Statement, Prospectus or Prospectus Supplement); and, subject to Section 6(e) and the below provisos in this Section 6(b), the Investor shall reimburse a Company Party any reasonable legal or other expenses reasonably incurred by such Company Party in connection with investigating or defending any such Claim; provided, however, the indemnity agreement contained in this Section 6(b) and the agreement with respect to contribution contained in Section 7 shall not apply to amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of the Investor, which consent shall not be unreasonably withheld or delayed; and provided, further that the Investor shall be liable under this Section 6(b) for only that amount of a Claim or Indemnified Damages as does not exceed the net proceeds to the Investor as a result of the applicable sale of Registrable Securities pursuant to such Registration Statement, Prospectus or Prospectus Supplement. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of such Company Party and shall survive the transfer of any of the Registrable Securities by the Investor pursuant to Section 9.

(c) Promptly after receipt by an Investor Party or Company Party (as the case may be) under this Section 6 of notice of the commencement of any action or proceeding (including, without limitation, any governmental action or proceeding) involving a Claim, such Investor Party or Company Party (as the case may be) shall, if a Claim in respect thereof is to be made against any indemnifying party under this Section 6, deliver to the indemnifying party a written notice of the commencement thereof, and the indemnifying party shall have the right to participate in, and, to the extent the indemnifying party so desires, jointly with any other indemnifying party similarly noticed, to assume control of the defense thereof with counsel mutually satisfactory to the indemnifying party and the Investor Party or the Company Party (as the case may be); provided, however, an Investor Party or Company Party (as the case may be) shall have the right to retain its own counsel with the reasonable fees and expenses of such counsel to be paid by the indemnifying party if: (i) the indemnifying party has agreed in writing to pay such fees and expenses; (ii) the indemnifying party shall have failed promptly to assume the defense of such Claim and to employ counsel reasonably satisfactory to such Investor Party or Company Party (as the case may be) in any such Claim; or (iii) the named parties to any such Claim (including, without limitation, any impleaded parties) include both such Investor Party or Company Party (as the case may be) and the indemnifying party, and such Investor Party or such Company Party (as the case may be) shall have been advised by counsel that a conflict of interest is likely to exist if the same counsel were to represent such Investor Party or such Company Party and the indemnifying party (in which case, if such Investor Party or such Company Party (as the case may be) notifies the indemnifying party in writing that it elects to employ separate counsel at the expense of the indemnifying party, then the indemnifying party shall not have the right to assume the defense thereof on behalf of the indemnified party and such counsel shall be at the expense of the indemnifying party, provided further that in the case of clause (iii) above the indemnifying party shall not be responsible for the reasonable fees and expenses of more than one (1) separate legal counsel for all Investor Parties or Company Parties (as the case may be). The Company Party or Investor Party (as the case may be) shall reasonably cooperate with the indemnifying party in connection with any negotiation or defense of any such action or Claim by the indemnifying party and shall furnish to the indemnifying party all information reasonably available to the Company Party or Investor Party (as the case may be) which relates to such action or Claim. The indemnifying party shall keep the Company Party or Investor Party (as the case may be) reasonably apprised at all times as to the status of the defense or any settlement negotiations with respect thereto. No indemnifying party shall be liable for any settlement of any action, claim or proceeding effected without its prior written consent; provided, however, the indemnifying party shall not unreasonably withhold, delay or condition its consent. No indemnifying party shall, without the prior written consent of the Company Party or Investor Party (as the case may be), 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 Company Party or Investor Party (as the case may be) of a release from all liability in respect to such Claim or litigation, and such settlement shall not include any admission as to fault on the part of the Company Party. For the avoidance of doubt, the immediately preceding sentence shall apply to Sections 6(a) and 6(b) hereof. Following indemnification as provided for hereunder, the indemnifying party shall be subrogated to all rights of the Company Party or Investor Party (as the case may be) 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 indemnifying party within a reasonable time of the

commencement of any such action shall not relieve such indemnifying party of any liability to the Investor Party or Company Party (as the case may be) under this Section 6, except to the extent that the indemnifying party is materially and adversely prejudiced in its ability to defend such action.

(d) No Person involved in the sale of Registrable Securities who is guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) in connection with such sale shall be entitled to indemnification from any Person involved in such sale of Registrable Securities who is not guilty of fraudulent misrepresentation.

(e) 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; provided that any Person receiving any payment pursuant to this Section 6 shall promptly reimburse the Person making such payment for the amount of such payment to the extent a court of competent jurisdiction determines that such Person receiving such payment was not entitled to such payment.

(f) The indemnity and contribution agreements contained herein shall be in addition to (i) any cause of action or similar right of the Company Party or Investor Party against the indemnifying party or others, and (ii) any liabilities the indemnifying party may be subject to pursuant to the law.

7. Contribution.

To the extent any indemnification by an indemnifying party is prohibited or limited by law, the indemnifying party 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; provided, however: (i) no contribution shall be made under circumstances where the maker would not have been liable for indemnification under the fault standards set forth in Section 6 of this Agreement, (ii) no Person involved in the sale of Registrable Securities which Person is guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) in connection with such sale shall be entitled to contribution from any Person involved in such sale of Registrable Securities who was not guilty of fraudulent misrepresentation; and (iii) contribution by any seller of Registrable Securities shall be limited in amount to the amount of net proceeds received by such seller from the applicable sale of such Registrable Securities pursuant to such Registration Statement. Notwithstanding the provisions of this Section 7, the Investor shall not be required to contribute, in the aggregate, any amount in excess of the amount by which the net proceeds actually received by the Investor from the applicable sale of the Registrable Securities subject to the Claim exceeds the amount of any damages that the Investor has otherwise been required to pay, or would otherwise be required to pay under Section 6(b), by reason of such untrue or alleged untrue statement or omission or alleged omission.

8. Reports Under the Exchange Act.

With a view to making available to the Investor the benefits of Rule 144, the Company agrees to:

(a) use its commercially reasonable efforts to make and keep public information available, as those terms are understood and defined in Rule 144;

(b) use its commercially reasonable efforts to file with the Commission in a timely manner all reports and other documents required of the Company under the Securities Act and the Exchange Act so long as the Company remains subject to such requirements (it being understood that nothing herein shall limit any of the Company's obligations under the Purchase Agreement) and the filing of such reports and other documents is required for the applicable provisions of Rule 144;

(c) furnish to the Investor so long as the Investor owns Registrable Securities, promptly upon request, (i) a written statement by the Company, if true, that it has complied with the reporting, submission and posting requirements of Rule 144 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 with the Commission if such reports are not publicly available via EDGAR, 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 reasonably 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 reasonably requested from time to time by the Investor and otherwise fully cooperate with Investor and Investor's broker to effect such sale of securities pursuant to Rule 144.

9. Assignment of Registration Rights.

Neither the Company nor the Investor shall assign this Agreement or any of their respective rights or obligations hereunder; provided that any transaction, whether by merger, reorganization, restructuring, consolidation, financing or otherwise, whereby the Company remains the surviving entity immediately after such transaction shall not be deemed an assignment.

10. Amendment or Waiver.

No provision of this Agreement may be amended or waived by the parties from and after the date that is one (1) Trading Day immediately preceding the date on which the Initial Registration Statement is initially filed with the Commission. Subject to the immediately preceding sentence, 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) Solely for purposes of this Agreement, 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 such record 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 shall be given in accordance with Section 10.4 of the Purchase Agreement.

(c) 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. The Company and the Investor acknowledge and agree that irreparable damage would occur in the event that any of the provisions of this Agreement were not performed in accordance with their specific terms or were otherwise breached. It is accordingly agreed that either party shall be entitled to an injunction or injunctions to prevent or cure breaches of the provisions of this Agreement by the other party 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), this being in addition to any other remedy to which either party may be entitled by law or equity.

(d) All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by the internal laws of the State of New York, without giving effect to any law or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address for such notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. 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. EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, 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.

(e) The Transaction Documents set forth the entire agreement and understanding of the parties solely with respect to the subject matter thereof and supersedes all prior and contemporaneous agreements, negotiations and understandings between the parties, both oral

and written, solely with respect to such matters. There are no promises, undertakings, representations or warranties by either party relative to subject matter hereof not expressly set forth in the Transaction Documents. Notwithstanding anything in this Agreement to the contrary and without implication that the contrary would otherwise be true, nothing contained in this Agreement shall limit, modify or affect in any manner whatsoever (i) the conditions precedent to a VWAP Purchase and an Intraday VWAP Purchase contained in Article VII of the Purchase Agreement or (ii) any of the Company's obligations under the Purchase Agreement.

(f) This Agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors. This Agreement is not for the benefit of, nor may any provision hereof be enforced by, any Person, other than the parties hereto, their respective successors and the Persons referred to in Sections 6 and 7 hereof.

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(g) The headings in this Agreement are for convenience of reference only and shall not limit or otherwise affect the meaning hereof. Unless the context clearly indicates otherwise, each pronoun herein shall be deemed to include the masculine, feminine, neuter, singular and plural forms thereof. The terms "including," "includes," "include" and words of like import shall be construed broadly as if followed by the words "without limitation." The terms "herein," "hereunder," "hereof" and words of like import refer to this entire Agreement instead of just the provision in which they are found.

(h) This Agreement may be executed in two or more identical counterparts, all of which shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party; provided that a facsimile signature or signature delivered by e-mail in a ".pdf" format data file, including any electronic signature complying with the U.S. federal ESIGN Act of 2000, e.g., www.docusign.com, www.echosign.adobe.com, etc., shall be considered due execution and shall be binding upon the signatory thereto with the same force and effect as if the signature were an original signature.

(i) 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 any 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.

(j) 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.

[Signature Pages Follow]

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IN WITNESS WHEREOF, Investor and the Company have caused their respective signature page to this Registration Rights Agreement to be duly executed as of the date first written above.

COMPANY:

AST SPACEMOBILE, INC.

By: /s/ Abel Avellan

Name: Abel Avellan

Title: Chief Executive Officer

IN WITNESS WHEREOF, Investor and the Company have caused their respective signature page to this Registration Rights Agreement to be duly executed as of the date first written above.

INVESTOR:

B. RILEY PRINCIPAL CAPITAL, LLC

By: /s/ Daniel Shribman

Name: Daniel Shribman

Title: President

EXHIBIT A

**FORM OF NOTICE OF EFFECTIVENESS
OF REGISTRATION STATEMENT**

[•]
[•]
[•]

Re: AST SpaceMobile, Inc.

Ladies and Gentlemen:

Reference is made to the Common Stock Purchase Agreement, dated as of May 6, 2022 (the “*Purchase Agreement*”), entered into by and between AST SpaceMobile, Inc., a Delaware corporation (the “*Company*”), and the Investor named therein (the “*Holder*”), pursuant to which the Company has issued and may issue to the Holder from time to time shares of the Company’s Class A common stock, par value \$0.0001 per share (the “*Common Stock*”). Pursuant to the Purchase Agreement, the Company also has entered into a Registration Rights Agreement, dated as of May 6, 2022, with the Holder (the “*Registration Rights Agreement*”), pursuant to which the Company agreed, among other things, to register the offer and sale by the Holder of the Registrable Securities (as defined in the Registration Rights Agreement) under the Securities Act of 1933, as amended (the “*Securities Act*”). In connection with the Company’s obligations under the Registration Rights Agreement, on [•], 2022, the Company filed a Registration Statement on Form S-1 (File No. 333-[•]) (the “*Registration Statement*”) with the Securities and Exchange Commission (the “*Commission*”) relating to the resale by the holder of Registrable Securities and which names the Holder as an underwriter and a selling stockholder thereunder.

In connection with the foregoing, we advise you that the Registration Statement became effective under the Securities Act on [•], 2022. In addition, the Commission has not issued any stop order suspending the effectiveness of the Registration Statement and, to our knowledge, no proceedings for that purpose are pending or have been instituted or threatened by the Commission.

Accordingly, so long as the Registration Statement remains effective, the shares of Common Stock included in the Registration Statement are freely transferable by the Holder pursuant to the Registration Statement.

Very truly yours,

AST SPACEMOBILE, INC.

By: _____

Name: _____

Title: _____

cc: B. Riley Principal Capital, LLC

EXHIBIT B

SELLING STOCKHOLDER

This prospectus relates to the offer and sale by B. Riley Principal Capital of up to [•] shares of Class A Common Stock that have been and may be issued by us to B. Riley Principal Capital under the Purchase Agreement. For additional information regarding the shares

of Class A Common Stock included in this prospectus, see the section titled “Committed Equity Financing” above. We are registering the shares of Class A Common Stock included in this prospectus pursuant to the provisions of the Registration Rights Agreement we entered into with B. Riley Principal Capital on May 6, 2022 in order to permit the selling stockholder to offer the shares included in this prospectus for resale from time to time. Except for the transactions contemplated by the Purchase Agreement and the Registration Rights Agreement and as set forth in the section titled “Plan of Distribution” in this prospectus, B. Riley Principal Capital has not had any material relationship with us within the past three years. As used in this prospectus, the term “selling stockholder” means B. Riley Principal Capital, LLC.

The table below presents information regarding the selling stockholder and the shares of Class A Common Stock that may be resold by the selling stockholder from time to time under this prospectus. This table is prepared based on information supplied to us by the selling stockholder, and reflects holdings as of [●], 2022. The number of shares in the column “Maximum Number of Shares of Class A Common Stock to be Offered Pursuant to this Prospectus” represents all of the shares of Class A Common Stock being offered for resale by the selling stockholder under this prospectus. The selling stockholder may sell some, all or none of the shares being offered for resale in this offering. We do not know how long the selling stockholder will hold the shares before selling them and, except as set forth in the section titled “Plan of Distribution” in this prospectus, we are not aware of any existing arrangements between the selling stockholder and any other stockholder, broker, dealer, underwriter or agent relating to the sale or distribution of the shares of our Class A Common Stock being offered for resale by this prospectus.

Beneficial ownership is determined in accordance with Rule 13d-3(d) promulgated by the SEC under the Exchange Act, and includes shares of Class A Common Stock with respect to which the selling stockholder has sole or shared voting and investment power. The percentage of shares of Class A Common Stock beneficially owned by the selling stockholder prior to the offering shown in the table below is based on an aggregate of [●] shares of our Class A Common Stock outstanding on [●], 2022. Because the purchase price to be paid by the selling stockholder for shares of Class A Common Stock, if any, that we may elect to sell to the selling stockholder in one or more VWAP Purchases and one or more Intraday VWAP Purchases from time to time under the Purchase Agreement will be determined on the applicable Purchase Dates therefor, the actual number of shares of Class A Common Stock that we may sell to the selling stockholder under the Purchase Agreement may be fewer than the number of shares being offered for resale under this prospectus. The fourth column assumes the resale by the selling stockholder of all of the shares of Class A Common Stock being offered for resale pursuant to this prospectus.

Name of Selling Stockholder	Number of Shares of Class A Common Stock Owned Prior to Offering		Maximum Number of Shares of Class A Common Stock to be Offered Pursuant to this Prospectus	Number of Shares of Class A Common Stock Owned After Offering	
	Number ⁽¹⁾	Percent ⁽²⁾		Number ⁽³⁾	Percent ⁽²⁾
B. Riley Principal Capital, LLC ⁽⁴⁾	21,969	*	[●]	0	—

* Represents beneficial ownership of less than 1% of the outstanding shares of our Class A Common Stock.

Represents the 21,969 shares of Class A Common Stock we issued to B. Riley Principal Capital on May [●], 2022 as Initial Commitment Shares in consideration for entering into the Purchase Agreement with us. In accordance with Rule 13d-3(d) under the Exchange Act, we have excluded from the number of shares beneficially owned prior to the offering (i) all of the shares that B. Riley Principal Capital may be required to purchase under the Purchase Agreement, because the issuance of such shares is solely at our discretion and is subject to conditions contained in the Purchase Agreement, the satisfaction of which are entirely outside of B. Riley Principal Capital’s control, including the registration statement that includes this prospectus becoming and remaining effective, and (ii) up to 65,907 shares of Class A Common Stock that we may issue to B. Riley Principal Capital in three equal tranches as Additional Commitment Shares, because the issuance of the Additional Commitment Shares to B. Riley Principal Capital is subject to our election to sell certain amounts of shares of our Class A Common Stock to B. Riley Principal Capital pursuant to the Purchase Agreement as set forth in the Purchase Agreement, which sales are entirely at our discretion and subject to satisfaction of conditions contained in the Purchase Agreement that are outside of B. Riley Principal Capital’s control. Furthermore, the VWAP Purchases and the Intraday VWAP Purchases of Class A Common Stock under the Purchase Agreement are subject to certain agreed upon maximum amount limitations set forth in the Purchase Agreement. Also, the Purchase Agreement prohibits us from issuing and selling any shares of our Class A Common Stock to B. Riley Principal Capital to the extent such shares, when aggregated with all

other shares of our Class A Common Stock then beneficially owned by B. Riley Principal Capital, would cause B. Riley Principal Capital's beneficial ownership of our Class A Common Stock to exceed the 4.99% Beneficial Ownership Limitation. The Purchase Agreement also prohibits us from issuing or selling shares of our Class A Common Stock under the Purchase Agreement in excess of the 19.99% Exchange Cap, unless we obtain shareholder approval to do so, or unless the average price for all shares of our Class A Common Stock purchased by B. Riley Principal Capital under the Purchase Agreement equals or exceeds \$8.30 per share, such that the Exchange Cap limitation would not apply under applicable Nasdaq rules. Neither the Beneficial Ownership Limitation nor the Exchange Cap (to the extent applicable under Nasdaq rules) may be amended or waived under the Purchase Agreement.

- (2) Applicable percentage ownership is based on [●] shares of our Class A Common Stock outstanding as of [●], 2022.
- (3) Assumes the sale of all shares being offered pursuant to this prospectus.

- The business address of B. Riley Principal Capital, LLC ("BRPC") is 11100 Santa Monica Blvd., Suite 800, Los Angeles, California 90025. BRPC's principal business is that of a private investor. The sole member of BRPC is B. Riley Principal Investments, LLC ("BRPI"), which is an indirect subsidiary of B. Riley Financial, Inc. ("BRF"). An Investment Committee of BRPC (the "BRPC Investment Committee"), which is composed of three members appointed by BRPI, has sole voting power and sole investment power over securities beneficially owned, directly, by BRPC. All decisions with respect to the voting and disposition of securities beneficially owned, directly, by BRPC are made exclusively by majority vote of the BRPC Investment Committee, each member of the BRPC Investment Committee having one vote, and no single member of the BRPC Investment Committee has any ability to make any such decisions unilaterally or any veto power with respect to decisions that are made by the vote of a majority of the members of the BRPC Investment Committee. The sole voting and investment powers of the BRPC Investment Committee over securities beneficially owned, directly, by BRPC are exercised independently from all other direct and indirect subsidiaries of BRF, and the voting and investment powers over securities beneficially owned directly or indirectly by all other direct and indirect subsidiaries of BRF are exercised independently from BRPC. We have been advised that neither BRPI nor BRPC is a member of the Financial Industry Regulatory Authority, Inc. ("FINRA") or an independent broker-dealer, and that none of the BRPC Investment Committee members is a registered FINRA member or an associated person of a FINRA member or an independent broker-dealer.
- (4)

PLAN OF DISTRIBUTION

The shares of Class A Common Stock offered by this prospectus are being offered by the selling stockholder, B. Riley Principal Capital, LLC. The shares may be sold or distributed from time to time by the selling stockholder directly to one or more purchasers or through brokers, dealers, or underwriters who may act solely as agents at market prices prevailing at the time of sale, at prices related to the prevailing market prices, at negotiated prices, or at fixed prices, which may be changed. The sale of the shares of our Class A Common Stock offered by this prospectus could be effected in one or more of the following methods:

- ordinary brokers' transactions;
- transactions involving cross or block trades;
- through brokers, dealers, or underwriters who may act solely as agents;
- "at the market" into an existing market for our Class A Common Stock;
- in other ways not involving market makers or established business markets, including direct sales to purchasers or sales effected through agents;
- in privately negotiated transactions; or
- any combination of the foregoing.

In order to comply with the securities laws of certain states, if applicable, the shares may be sold only through registered or licensed brokers or dealers. In addition, in certain states, the shares may not be sold unless they have been registered or qualified for sale in the state or an exemption from the state's registration or qualification requirement is available and complied with.

B. Riley Principal Capital is an "underwriter" within the meaning of Section 2(a)(11) of the Securities Act.

B. Riley Principal Capital has informed us that it presently anticipates using, but is not required to use, B. Riley Securities, Inc., a registered broker-dealer and FINRA member, as a broker to effectuate resales, if any, of our Class A Common Stock that it may acquire from us pursuant to the Purchase Agreement, and that it may also engage one or more other registered broker-dealers to effectuate resales, if any, of such Class A Common Stock that it may acquire from us. Such resales will be made at prices and at terms then prevailing or at prices related to the then current market price. Each such registered broker-dealer will be an underwriter within the meaning of Section 2(a)(11) of the Securities Act. B. Riley Principal Capital has informed us that each such broker-dealer it engages to effectuate resales of our Class A Common Stock on its behalf, excluding B. Riley Securities, Inc., may receive commissions from B. Riley Principal Capital for executing such resales for B. Riley Principal Capital and, if so, such commissions will not exceed customary brokerage commissions.

Except as set forth above, we know of no existing arrangements between the selling stockholder and any other stockholder, broker, dealer, underwriter or agent relating to the sale or distribution of the shares of our Class A Common Stock offered by this prospectus.

Brokers, dealers, underwriters or agents participating in the distribution of the shares of our Class A Common Stock offered by this prospectus may receive compensation in the form of commissions, discounts, or concessions from the purchasers, for whom the broker-dealers may act as agent, of the shares sold by the selling stockholder through this prospectus. The compensation paid to any such particular broker-dealer by any such purchasers of shares of our Class A Common Stock sold by the selling stockholder may be less than or in excess of customary commissions. Neither we nor the selling stockholder can presently estimate the amount of compensation that any agent will receive from any purchasers of shares of our Class A Common Stock sold by the selling stockholder.

We may from time to time file with the SEC one or more supplements to this prospectus or amendments to the registration statement of which this prospectus forms a part to amend, supplement or update information contained in this prospectus, including, if and when required under the Securities Act, to disclose certain information relating to a particular sale of shares offered by this prospectus by the selling stockholder, including with respect to any compensation paid or payable by the selling stockholder to any brokers, dealers, underwriters or agents that participate in the distribution of such shares by the selling stockholder, and any other related information required to be disclosed under the Securities Act.

We will pay the expenses incident to the registration under the Securities Act of the offer and sale of the shares of our Class A Common Stock covered by this prospectus by the selling stockholder.

As consideration for its irrevocable commitment to purchase our Class A Common Stock under the Purchase Agreement, we have agreed to issue to B. Riley Principal Capital an aggregate of up to 87,876 shares of our Class A Common Stock as Commitment Shares, 21,969 of which shares we issued as Initial Commitment Shares upon execution of the Purchase Agreement and the Registration Rights Agreement, and up to 65,907 of which shares we will issue as Additional Commitment Shares in three equal tranches, the first of which we will issue to B. Riley Principal Capital when we effect our first VWAP Purchase or Intraday VWAP Purchase (whichever we elect to effect first, if any) pursuant to the Purchase Agreement (if any), the second when we have received aggregate gross proceeds of \$25,000,000 from sales of our Class A Common Stock to B. Riley Principal Capital under the Purchase Agreement (if any), and the third when we have received aggregate gross proceeds of \$50,000,000 from sales of our Class A Common Stock to B. Riley Principal Capital under the Purchase Agreement (if any). Prior to the date of the Purchase Agreement, we paid B. Riley Principal Capital \$75,000 as reimbursement for its reasonable legal fees and disbursements incurred in connection with the preparation, negotiation, execution and delivery of the transaction documents and legal due diligence.

We also have agreed to indemnify B. Riley Principal Capital and certain other persons against certain liabilities in connection with the offering of shares of our Class A Common Stock offered hereby, including liabilities arising under the Securities Act or, if such indemnity is unavailable, to contribute amounts required to be paid in respect of such liabilities. B. Riley Principal Capital has agreed to indemnify us against liabilities under the Securities Act that may arise from certain written information furnished to us by B. Riley Principal Capital specifically for use in this prospectus or, if such indemnity is unavailable, to contribute amounts required to be paid in respect of such liabilities. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to our directors, officers, and controlling persons, we have been advised that in the opinion of the SEC this indemnification is against public policy as expressed in the Securities Act and is therefore, unenforceable.

We estimate that the total expenses for the offering will be approximately \$[●].

B. Riley Principal Capital has represented to us that at no time prior to the date of the Purchase Agreement has B. Riley Principal Capital, its officers, its sole member, or any entity managed or controlled by B. Riley Principal Capital or its sole member, engaged in or effected, in any manner whatsoever, directly or indirectly, for its own account or for the account of any of its affiliates, any short sale (as such term is defined in Rule 200 of Regulation SHO of the Exchange Act) of our Class A Common Stock or any hedging transaction, which establishes a net short position with respect to our Class A Common Stock. B. Riley Principal Capital has agreed that during the term of the Purchase Agreement, none of B. Riley Principal Capital, its officers, its sole member, or any entity managed or controlled by B. Riley Principal Capital or its sole member, will enter into or effect, directly or indirectly, any of the foregoing transactions for its own account or for the account of any other such person or entity.

We have advised the selling stockholder that it is required to comply with Regulation M promulgated under the Exchange Act. With certain exceptions, Regulation M precludes the selling stockholder, any affiliated purchasers, and any broker-dealer or other person who participates in the distribution from bidding for or purchasing, or attempting to induce any person to bid for or purchase any security which is the subject of the distribution until the entire distribution is complete. Regulation M also prohibits any bids or purchases made in order to stabilize the price of a security in connection with the distribution of that security. All of the foregoing may affect the marketability of the securities offered by this prospectus.

This offering will terminate on the date that all shares of our Class A Common Stock offered by this prospectus have been sold by the selling stockholder.

Our Class A Common Stock is currently listed on The Nasdaq Capital Market under the symbol “ASTS”.

EXHIBIT C

The business address of B. Riley Principal Capital, LLC (“BRPC”) is 11100 Santa Monica Blvd., Suite 800, Los Angeles, California 90025. BRPC’s principal business is that of a private investor. The sole member of BRPC is B. Riley Principal Investments, LLC (“BRPI”), which is an indirect subsidiary of B. Riley Financial, Inc. (“BRF”). An Investment Committee of BRPC (the “BRPC Investment Committee”), which is composed of three members appointed by BRPI, has sole voting power and sole investment power over securities beneficially owned, directly, by BRPC. All decisions with respect to the voting and disposition of securities beneficially owned, directly, by BRPC are made exclusively by majority vote of the BRPC Investment Committee, each member of the BRPC Investment Committee having one vote, and no single member of the BRPC Investment Committee has any ability to make any such decisions unilaterally or any veto power with respect to decisions that are made by the vote of a majority of the members of the BRPC Investment Committee. The sole voting and investment powers of the BRPC Investment Committee over securities beneficially owned, directly, by BRPC are exercised independently from all other direct and indirect subsidiaries of BRF, and the voting and investment powers over securities beneficially owned directly or indirectly by all other direct and indirect subsidiaries of BRF are exercised independently from BRPC. Neither BRPI nor BRPC is a member of the Financial Industry Regulatory Authority, Inc. (“FINRA”) or an independent broker-dealer, and none of the BRPC Investment Committee members is a registered FINRA member or an associated person of a FINRA member or an independent broker-dealer.