

SECURITIES AND EXCHANGE COMMISSION

FORM 8-K

Current report filing

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FILER

Atlis Motor Vehicles Inc

CIK: **1722969** | IRS No.: **814380534** | State of Incorporation: **DE** | Fiscal Year End: **1231**
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**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): **November 3, 2022**

Atlis Motor Vehicles, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware

(State or Other Jurisdiction
of Incorporation)

001-41509

(Commission
File Number)

81-4308534

(IRS Employer
Identification No.)

1828 N. Higley Rd. Ste 116, Mesa, AZ 85205

(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: **(602) 309-5425**

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 (*see* General Instruction A.2. below):

- 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	AMV	NASDAQ

Indicate by checkmark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) of 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 November 3, 2022, Atlis Motor Vehicles, Inc. (the “*Company*”) entered into a Securities Purchase Agreement (the “*Purchase Agreement*”) with certain institutional investors (collectively, the “*Investors*”), pursuant to which the Company agreed to issue to the Investors, for gross proceeds of up to \$27,000,000, Senior Secured Original Issue 10% Discount Convertible Promissory Notes (the “*Notes*”) in the aggregate principal amount of up to \$30,000,000 and warrants (the “*Warrants*”) to purchase a number of shares of the Company’s Class A common stock (the “*Warrant Shares*”) equal to 30% of the face value of the Notes divided by the volume weighted average price, in three tranches (such transaction, the “*Private Placement*”). The Purchase Agreement contains customary representations and warranties by the Company and customary conditions to closing.

Under the first tranche of funding, which closed upon signing of the Purchase Agreement, for gross proceeds of \$9,000,000, the Company issued Notes to the Investors in the aggregate principal amount of \$10,000,000 and Warrants to purchase up to an aggregate of 231,312 Warrant Shares. Upon the third trading day following the effectiveness of the Registration Statement (as defined below), and subject to the satisfaction of certain conditions, a second tranche of funding will be provided by the Investors in the aggregate principal amount of \$10,000,000, for gross proceeds to the Company of \$9,000,000. Upon the thirtieth trading day following the closing of the second tranche of funding, and subject to the satisfaction of certain conditions, a third tranche of funding will be provided by the Investors in the aggregate principal amount of \$10,000,000, for gross proceeds to the Company of \$9,000,000. Such additional principal amounts, if funded, will be added to the principal amount of the Notes, and the Investors will be entitled to receive additional Warrants to purchase Warrant Shares equal to 30% of the face value of the Notes divided by the volume weighted average price.

The Notes mature 24 months after issuance, do not initially bear any interest and are convertible into shares of the Company’s Class A common stock (the “*Conversion Shares*”) at an initial conversion price equal to the lesser of \$15.00 per share of Class A common stock or 92.5% of the average of the three lowest daily volume weighted average prices of the Class A common stock during the ten trading days immediately preceding the notice of voluntary conversion of the Notes, subject to adjustment as further specified in the Notes. The Notes will be fully repayable in cash upon maturity. In addition, the Investors have the option of prepaying up to 20% of the issuance amount of a subsequent financing.

The Notes contain a number of customary events of default. Additionally, the Notes are secured by all of the assets of the Company, pursuant to a security agreement that was entered into with a collateral agent, in connection with the issuance of the Notes (the “*Security Agreement*”).

The Warrants are exercisable at an initial exercise price equal to the lesser of \$15.00 per share or 92.5% of the average of the three lowest daily volume weighted average prices of the Class A common stock during the ten trading days immediately preceding the notice of exercise, subject to adjustment. The Warrants carry a 5-year term and, if not exercised, will terminate on November 3, 2027.

In connection with the Private Placement, the Company also entered into a registration rights agreement (the “*Registration Rights Agreement*”) with the Investors, pursuant to which the Company agreed to file a registration statement (a “*Registration Statement*”) with the Securities and Exchange Commission registering the resale of the Conversion Shares and the Warrant Shares within 20 days after the closing of the first tranche of funding and within 20 days after the closing of the third tranche of funding, as applicable, and to cause any such Registration Statement to become effective within 60 days after filing.

Maxim Group LLC (“*Maxim*”) acted as the exclusive placement agent for the Private Placement and the Company has agreed to pay Maxim a customary fee for its services.

The offer and sale of the Notes, Conversion Shares, Warrants and Warrant Shares have not been registered under the Securities Act of 1933, as amended (the “*Securities Act*”), or applicable state securities laws, and accordingly may not be offered or sold in the United States except pursuant to an effective registration statement or an applicable exemption from the registration requirements of the Securities Act and such applicable state securities laws.

The above description of the terms and conditions of the Notes, Warrants, Purchase Agreement, Security Agreement and Registration Rights Agreement does not purport to be complete, and is qualified in its entirety by reference to the full text of such agreements and instruments, forms of which are attached to this Current Report on Form 8-K as Exhibits 4.1, 4.2, 10.1, 10.2, and 10.3, respectively, and are incorporated by reference herein.

Item 2.03. Creation of a Direct Financial Obligation or an Obligation Under an Off-Balance Sheet Arrangement of a Registrant.

The information set forth in Item 1.01 of this Current Report on Form 8-K is hereby incorporated by reference into this Item 2.03 in its entirety.

Item 3.02. Unregistered Sales of Equity Securities.

The information set forth in Item 1.01 of this Current Report on Form 8-K is hereby incorporated by reference into this Item 3.02 in its entirety.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

4.1 [Form of Senior Secured Original Issue 10% Discount Convertible Promissory Note.](#)

4.2 [Form of Common Stock Purchase Warrant.](#)

10.1 [Form of Securities Purchase Agreement.*](#)

10.2 [Form of Security Agreement.*](#)

10.3 [Form of Registration Rights Agreement.](#)

104 Cover Page Interactive Data File (embedded within the Inline XBRL document)

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

SIGNATURE

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.

Atlis Motor Vehicles, Inc.

Date: November 4, 2022

By: /s/ Mark Hanchett
Mark Hanchett
Chief Executive Officer

FORM OF SENIOR SECURED ORIGINAL ISSUE 10% DISCOUNT CONVERTIBLE PROMISSORY NOTE

NOTE HAS NOT BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR , UPON RECEIPT BY THE COMPANY OF AN OPINION OF COUNSEL ACCEPTABLE TO THE COMPANY THAT REGISTRATION IS NOT REQUIRED UNDER THE SECURITIES ACT. THIS NOTE AND THE SECURITIES ISSUABLE UPON CONVERSION OF THIS NOTE MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT SECURED BY SUCH SECURITIES. ANY TRANSFEREE OF THIS NOTE SHOULD CAREFULLY REVIEW THE TERMS OF THIS NOTE. THE PRINCIPAL AMOUNT REPRESENTED BY THIS NOTE AND, ACCORDINGLY, THE SECURITIES ISSUABLE UPON CONVERSION HEREOF, MAY BE LESS THAN THE AMOUNTS SET FORTH ON THE FACE HEREOF, PURSUANT TO THE TERMS OF THIS NOTE.

ATLIS MOTOR VEHICLES, INC.**Senior Secured Original Issue 10% Discount Convertible Promissory Note**

Original Issuance Date: __, 20__

Principal: \$_____

Maturity Date: __, 20__

FOR VALUE RECEIVED, ATLIS MOTOR VEHICLES, INC., a Delaware corporation (the “Maker” or the “Company”), hereby promises to pay to the order of _____, or its registered assigns (the “Holder”) the principal sum of \$_____ (the “Principal”) pursuant to the terms of this Senior Secured Original Issue 10% Discount Convertible Promissory Note (this “Note”). In exchange for delivery of this Note on the Original Issuance Date referred to above, the Holder shall lend the Maker \$_____ in United States dollars net of an original issuance discount of \$_____.

Unless earlier converted pursuant to the terms of Article 3, the Maturity Date of this Note shall be 24 months from the Original Issuance Date of this Note which is specified above, unless the Holder has given notice to the Maker that it elects to accelerate the Maturity Date to the extent explicitly permitted by this Note (the “Maturity Date”). The Maturity Date is the date upon which the Principal shall be due and payable unless due or prepaid earlier or converted. This Note may not be repaid in whole or in part except as otherwise explicitly set forth herein.

This Note is secured by a first priority security interest as evidenced by and to the extent set forth in that certain Security Agreement by and among the Maker and its Subsidiaries and the Holder dated as of the Original Issuance Date (the “Security Agreement”).

All payments under or pursuant to this Note shall be made in United States dollars in immediately available funds to the Holder at the address of the Holder set forth in the Purchase Agreement (as hereinafter defined) or at such other place as the Holder may designate from time- to-time in writing to the Maker or by wire transfer of funds to the Holder’s account designated in writing by the Holder to the Maker.

ARTICLE 1

1.1 Purchase Agreement; Subsidiary Guarantee. This Note has been executed and delivered pursuant to, and is one of the Notes, as defined in and issued pursuant to, the Securities Purchase Agreement, dated as of the Original Issuance Date (as the same may be amended from time to time, the “Purchase Agreement”), by and among the Maker, the Holder and the other Purchasers (as such term is defined in the Purchase Agreement, and is subject to, and incorporates, the provisions of the Purchase Agreement. The full amount of this Note and all the cash payment obligations of the Company under the Transaction Documents shall be guaranteed in full by each Subsidiary pursuant to a Subsidiary Guarantee in the form attached as an exhibit to the Purchase Agreement.

1.2 Interest. This Note has been issued with original issue discount and no interest shall accrue hereunder prior to the occurrence of an Event of Default. From and after the occurrence and during the continuance of any Event of Default, interest shall accrue hereunder at a rate equal to 10% per annum (or, if less, the highest amount permitted by law) (such interest upon an Event of Default shall be referred to as “Interest” or “Default Interest”), shall compound monthly based upon a 360-day year, and shall be due and payable on the first Trading Day of each calendar month during the continuance of such Event of Default (a “Default Interest Payment Date”). In the event that such Event of Default is subsequently cured (and no other Event of Default then exists (including, without limitation, for the Company’s failure to pay such Default Interest on the applicable Default Interest Payment Date), the Default Interest shall cease to accrue hereunder as of the day immediately following the date of such cure; provided that the Interest as calculated and unpaid at such increased rate during the continuance of such Event of Default shall continue to apply to the extent relating to the days after the occurrence of such Event of Default through and including the date of such cure of such Event of Default.

1.3 Prepayment. If following the Original Issuance Date while this Note is outstanding the Maker directly or indirectly receives proceeds from and closes any kind of financing including through the issuance of any equity securities or Indebtedness, the Maker shall give written notice to the Holder within one Trading Day, and the Holder within five Trading Days after receipt of such written notice may request a prepayment of Principal and any accrued and unpaid Interest thereon (if any) in an amount up to 20% of the gross proceeds received by the Maker. Except as otherwise provided elsewhere in this Note, the Maker may not prepay any portion of the Principal.

1.4 Payment on Non-Trading Days. Whenever any payment to be made on this Note shall be due on a day which is not a Trading Day, such payment may be due on the next succeeding Trading Day.

1.5 Replacement. Upon receipt of a duly executed Affidavit of Loss and Indemnity Agreement in customary form from the Holder with respect to the loss, theft or destruction of this Note (or any replacement hereof), or, in the case of a mutilation of this Note, upon surrender and cancellation of such Note, the Maker shall issue a new Note, of like tenor and amount, in lieu of such lost, stolen, destroyed or mutilated Note. The Holder shall not be required to post a bond or other security.

1.6 Status of Note. The obligations of the Maker under this Note shall rank senior to all other existing Indebtedness and equity of the Company, other than the amounts owing to the other Purchasers under the other Notes (the “Other Notes” or “Notes”) and the Additional Notes when issued, to the extent of the first lien security interest in the collateral per the Security Agreement. The obligations of the Maker under this Note shall rank *pari passu* with the amounts owing to the other Purchasers under the Other Notes and to the Holder and the other Purchasers under the Additional Notes. Upon any Liquidation Event (as hereinafter defined), but subject in all cases to the Purchase Agreement, the Holder will be entitled to receive, before any distribution or payment is made upon, or set apart with respect to, any Indebtedness of the Maker (other than the Other Notes) or any class of capital stock of the Maker, an amount equal to the outstanding Principal, Interest and any other sums due. For purposes of this Note, “Liquidation Event” means a liquidation pursuant to a filing of a petition for bankruptcy under applicable law or any other insolvency or debtor’s relief, an assignment for the benefit of creditors, or a voluntary or involuntary liquidation, dissolution or winding up of the affairs of the Maker.

ARTICLE 2

2.1 Events of Default. An “Event of Default” under this Note shall mean the following (unless the Event of Default is waived in writing by the Holder):

(a) Any default in the payment of the Principal, Interest or other sums due under this Note or any Additional Note when due (whether on the Maturity Date or by acceleration or otherwise);

(b) except as otherwise permitted in this Note, the Maker shall fail to observe or perform any other covenant, condition or agreement contained in this Note or any Transaction Document in any material respect, including, for the avoidance of doubt, the Maker issuing any Indebtedness or the imposition of a Lien upon any of the assets of the Maker or any Subsidiary, except for Permitted Indebtedness or Permitted Liens, respectively, or otherwise breaching its obligations under the Registration Rights Agreements entered into by and between the Maker and the Holder and other Purchasers dated the Original Issuance Date including the required effective date of the Resale Registration Statements;

(c) the Maker or any of its Subsidiaries shall (A) default in any payment of any amount or amounts of principal of or interest (if any) on \$500,000 or more of any Indebtedness (other than this Note) or (B) default in the observance or performance of any other agreement or condition relating to any such Indebtedness or contained in any instrument or agreement evidencing, securing or relating thereto, or any other event shall occur or condition exist, the effect of which default or other event or condition is to cause, or to permit the holder or holders of such Indebtedness to cause, with the giving of notice if required, such Indebtedness to become due prior to its stated maturity;

(d) the Maker's notice to the Holder, including by way of public announcement at any time of its inability to comply (including for any of the reasons described in Section 3.6(a) hereof) or its intention not to comply with proper requests for conversion of this Note into Common Stock;

3

(e) the initial Resale Registration Statement has not been filed in accordance with the terms and conditions of the Registration Rights Agreement;

(f) at any time after the Resale Registration Statement is effective and subject to compliance with applicable law or if the Holder has sold shares of Common Stock pursuant to Rule 144, when available, but only to the extent of the number of shares sold, the failure of the Maker to instruct its transfer agent to remove any legends from the Common Stock and issue such unlegended certificates to the Holder within the Standard Settlement Period; provided that the Holder, in good faith, cooperates reasonably with, and takes such customary actions as may reasonably be requested by the Maker in connection with such Resale Registration Statement. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's Trading Market with respect to the Common Stock as in effect on the date of delivery of a Conversion Notice so long as the Holder has provided reasonable assurances to the Maker that such Common Stock will be sold pursuant to Rule 144, once it is available, or any other applicable exemption from registration under the Securities Act or if there is an effective Resale Registration Statement that may be used. For avoidance of doubt, as of the Original Issuance Date the Standard Settlement Period is two Trading Days;

(g) the Maker shall fail to timely deliver the Common Stock as and when required in Section 3.2;

(h) at any time the Maker shall fail to have the Required Minimum of Common Stock authorized, reserved and available for issuance to satisfy the potential conversion in full (disregarding for this purpose any and all limitations of any kind on such conversion) of this Note or upon exercise of the Warrants;

(i) any representation or warranty made by the Maker or any of its Subsidiaries in the Purchase Agreement, this Note, the Warrant or any other Transaction Document shall prove to have been false or misleading or breached in a material respect on the date as of which made;

(j) the Maker or any of its Subsidiaries shall: (i) apply for or consent to the appointment of, or the taking of possession by, a receiver, custodian, trustee or liquidator of itself or of all or a substantial part of its property or assets; (ii) make a general assignment for the benefit of its creditors; (iii) commence a voluntary case under the United States Bankruptcy Code (as now or hereafter in effect) or under the comparable laws of any jurisdiction (foreign or domestic); (iv) file a petition seeking to take advantage of any bankruptcy, insolvency, moratorium, reorganization or other similar law affecting the enforcement of creditors' rights generally; (v) acquiesce in writing to any petition filed against it in an involuntary case under United States Bankruptcy Code (as now or hereafter in effect) or under the comparable laws of any jurisdiction (foreign or domestic); (vi) issue a notice of bankruptcy or winding down of its operations or issue a press release regarding same; or (vii) take any action under the laws of any jurisdiction (foreign or domestic) analogous to any of the foregoing;

4

(k) a proceeding or case shall be commenced in respect of the Maker or any of its Subsidiaries, without its application or consent, in any court of competent jurisdiction, seeking: (i) the liquidation, reorganization, moratorium, dissolution, winding up, or composition or readjustment of its debts; (ii) the appointment of a trustee, receiver, custodian, liquidator or the like of it or of all or any substantial part of its assets in connection with the liquidation or dissolution of the Maker or any of its Subsidiaries; or (iii)

similar relief in respect of it under any law providing for the relief of debtors, and such proceeding or case described in clause (i), (ii) or (iii) shall continue undismissed, or unstayed and in effect, for a period of 30 days or any order for relief shall be entered in an involuntary case under United States Bankruptcy Code (as now or hereafter in effect) or under the comparable laws of any jurisdiction (foreign or domestic) against the Maker or any of its Subsidiaries or action under the laws of any jurisdiction (foreign or domestic) analogous to any of the foregoing shall be taken with respect to the Maker or any of its Subsidiaries and shall continue undismissed, or unstayed and in effect for a period of 10 days;

(l) one or more final judgments or orders for the payment of money aggregating in excess of \$1,000,000 (or its equivalent in the relevant currency of payment) are rendered against one or more of the Company and/or any of its Subsidiaries, that is not dismissed or stayed within 10 days;

(m) the Company fails to comply in any material respect with the reporting requirements of the Exchange Act (including but not limited to becoming delinquent in the filing of any report required to be filed under the Exchange Act including any extension permitted by Rule 12b-25 under the Exchange Act) or ceases to be subject to the reporting requirements of the Exchange Act. For avoidance of doubt, a failure to timely file an Exchange Act report shall be deemed to be a failure to comply in a material respect except that the failure to timely file a Form 8-K, which does not result in the inability to use Form S-3 for a 12-month period shall not be construed to be a failure to comply in any material respect;

(n) the Maker's Common Stock ceases to be listed on the Trading Market or the Maker receives notice from its Trading Market of non-compliance with continued listing standard even if subject to cure, or the Maker fails to list the Underlying Shares on the Trading Market;

(o) after the 6 month anniversary of the issuance of the Note any Common Stock including the Underlying Shares may not be immediately resold under Rule 144 without restriction on the number of shares to be sold or manner of sale, unless such Common Stock has been registered for resale under the Securities Act and may be sold without restriction;

(p) there shall be any SEC stop order with respect to the Resale Registration Statement, a trading suspension by the SEC or the Trading Market of the Common Stock, or any restriction in place with the transfer agent for the Common Stock restricting the trading of such Common Stock, unless in each case, the Common Stock can be resold under Rule 144 without restriction;

(q) the electronic transfer by the Company of shares of Common Stock through the Depository Trust Company or another established clearing corporation is no longer available or is subject to a "chill" other than any temporary "chill" not to exceed 5 Trading Days imposed by the Depository Trust Company in connection with the closing of the Corporate Reorganization; it being understood and agreed that the Depository Trust Company will impose a permanent "chill" on the Company's CUSIP in connection with the Corporate Reorganization, which shall not constitute an Event of Default, provided that the trading of the Company's Common Stock is not materially impacted in connection therewith. For the avoidance of doubt, if the settlement of any open market trading, whether on the Principal Market or otherwise, is delayed as a result of the temporary or permanent "chill", trading shall be deemed to be materially impacted;

(r) the Company replaces its transfer agent, and the Company fails to instruct the new transfer agent to provide prior to the effective date of such replacement, a fully executed irrevocable transfer agent instructions (including but not limited to the provision to irrevocably reserve the Required Minimum) signed by the successor transfer agent and the Company;

(s) the Company or a Subsidiary enters into a Variable Rate Transaction or a similar transaction without the prior written consent of the Holder except as permitted by the Purchase Agreement;

(t) any provision of any Transaction Document and/or Security Documents (as defined in the Securities Purchase Agreement) shall at any time for any reason (other than pursuant to the express terms thereof) cease to be valid and binding on or enforceable against the parties thereto, or the validity or enforceability thereof shall be contested by any party thereto, or a proceeding shall be commenced by the Company or any Subsidiary or any governmental authority having jurisdiction over any of them, seeking to establish the invalidity or unenforceability thereof, or the Company or any Subsidiary shall deny in writing that it has any liability or obligation purported to be created under any Transaction Document and/or any Security Document;

(u) any Security Document shall for any reason fail or cease to create a separate valid and perfected and, except to the extent permitted by the terms hereof or thereof, first priority Lien (as defined in the Securities Purchase Agreement) on the Collateral (as defined in the Security Documents) in favor of the Collateral Agent (as defined in the Securities Purchase Agreement) or any material provision of any Security Document shall at any time for any reason cease to be valid and binding on or enforceable against the Company or the validity or enforceability thereof shall be contested by any party thereto, or a proceeding shall be commenced by the Company or any governmental authority having jurisdiction over the Company, seeking to establish the invalidity or unenforceability thereof;

(v) any material damage to, or loss, theft or destruction of, any collateral, whether or not insured, or any strike, lockout, labor dispute, embargo, condemnation, act of god or public enemy, or other casualty which causes, for more than 15 consecutive days, the cessation or substantial curtailment of revenue producing activities at any facility of the Company or any Subsidiary, if any such event or circumstance could reasonably be expected to have a material adverse effect; or

(w) the Company organizes a new Subsidiary and the Company fails to pledge the equity interests within 15 Trading Days of such organization or fails to cause the new Subsidiary to guarantee the Note pursuant to a Subsidiary Guarantee and become a party to the Security Agreement (including the delivery of the pledged securities) within such period.

The Company and the Holder acknowledge that itemized Events of Default other than Section 2.1(b) were inserted at the request of the Holder for convenience and such itemization does not modify Section 2.1(b) nor create any additional remedies for the Holder.

2.2 Remedies Upon an Event of Default.

(a) Upon the occurrence of any Event of Default that has not been remedied or waived within five Trading Days provided, however, that there shall be no cure period for an Event of Default described in Section 2.1(i), 2.1(j) or 2.1(k), the Maker shall be obligated to pay to the Holder the Mandatory Default Amount, which Mandatory Default Amount shall be immediately due and payable to the Holder. In the event this Note shall be converted under an Event of Default, the Holder shall have the option to convert the Mandatory Default Amount at the Alternative Conversion Price (provided all payments shall be subject to the provisions of the Purchase Agreement with respect to the holders of the Other Notes). For this purpose, the Holder shall have the option to have the Alternative Conversion Price determined as of the date the Conversion Notice was given to the Maker.

(b) Upon the occurrence of any Event of Default, the Maker shall, as promptly as possible but in any event within three Trading Days of the occurrence of such Event of Default, notify the Holder of the occurrence of such Event of Default, describing the event or factual situation giving rise to the Event of Default and specifying the relevant subsection or subsections of Section 2.1 hereof under which such Event of Default has occurred.

(c) The provisions of Section 3.2(b) and (c) shall also apply upon any Events of Default relating to Conversion Shares in addition to the remedies under this Section 2.2.

(d) Any Event of Default hereunder may be waived upon the mutual agreement of the Parties.

ARTICLE 3

3.1 Conversion.

(a) Conversion. At any time after the Original Issuance Date, this Note shall be convertible (in whole or in part) at the option of the Holder into such number of fully paid and non-assessable shares of Common Stock as is determined by dividing (x) that portion of the outstanding Principal and any accrued and unpaid Interest thereon that the Holder elects to convert (the "Conversion Amount") by (y) the Conversion Price (as hereinafter defined) then in effect on the date on which the Holder delivers to the Maker a notice of conversion in substantially the form attached hereto as Exhibit A (the "Conversion Notice") in accordance with Section 5.1. The Holder shall deliver this Note to the Maker at the address designated in the Purchase Agreement at such time that this Note is fully converted. With respect to partial conversions of this Note, the Maker shall keep written records of the amount of this Note converted as of the date of such conversion (each, a "Conversion Date").

(b) Conversion Price. The “Conversion Price” means the lesser of (i) \$15.00 (the “Fixed Conversion Price”) or (ii) 92.5% of the average of the three lowest daily VWAP of the Common Stock during the ten Trading Day period ending on the Trading Day immediately prior to delivery or deemed delivery of the applicable Conversion Notice (the “Variable Conversion Price”) and shall be subject to adjustment as provided herein. The Fixed Conversion Price shall have a one-time reset at the 6-month anniversary of the Original Issuance Date (the “Reset Date”) to the lower of the Conversion Price (with the Variable Conversion Price determined as if the Conversion Notice was delivered on the Reset Date) and 130% of the daily VWAP of the Common Stock for the Trading Day immediately prior to the Reset Date. The Variable Conversion Price shall have an initial floor price equal to the Floor Price then in effect, subject to adjustment as provided herein. Upon the Trading Day after the closing of the Corporate Reorganization, the Floor Price shall be adjusted downwardly to 10% of the closing price on the Trading Day following the Corporate Reorganization as reported on the Trading Market. At any time the Company receives a Conversion Notice at a time the Conversion Price (or, as applicable, the Alternative Conversion Price) then in effect (the “Applicable Conversion Price”) (without regard to the Floor Price) is less than the Floor Price then in effect (unless such Floor Price is lowered with the written consent of the Company and the Holder, which may be an e-mail), the Company shall issue a number of shares equal to the Conversion Amount divided by such Floor Price and pay the economic difference between the Applicable Conversion Price (without regard to the Floor Price) and such Floor Price in cash. For further clarification, the economic difference shall be equal to (A) the number of shares that would have been delivered using the Applicable Conversion Price, minus (B) the number of shares delivered using the Floor Price multiplied by (C) the daily VWAP of the Common Stock on the Conversion Date ((A-B)*C).

(c) Voluntary Adjustment of Fixed Conversion Price. Subject to the rules and regulations of the Trading Market, the Company may at any time during the term of this Note, with the prior written consent of the Required Holders (as defined in the Securities Purchase Agreement), reduce the then current Fixed Conversion Price of each of the Notes to any amount and for any period of time deemed appropriate by the board of directors of the Company

3.2 Delivery of Conversion Shares.

(a) As soon as practicable after any conversion or payment of any amount due hereunder in the form of shares of Common Stock in accordance with this Note, and in any event within the Standard Settlement Period thereafter (such date, the “Share Delivery Date”), the Maker shall, at its expense, cause to be issued in the name of and delivered to the Holder, or as the Holder may direct, a certificate or certificates evidencing the number of shares of fully paid and non-assessable Common Stock to which the Holder shall be entitled on such conversion or payment (the “Conversion Shares”), in the applicable denominations based on the applicable conversion or payment, which certificate or certificates shall be free of restrictive and trading legends (except for any such legends as may be required under the Securities Act). In lieu of delivering physical certificates for the Common Stock issuable upon any conversion of this Note, provided the Company’s transfer agent (the “Transfer Agent”) is participating in the Depository Trust Company (“DTC”) DTC Fast Automated Securities Transfer Program (“FAST”) or a similar program, upon request of the Holder, the Company shall cause the Transfer Agent to electronically transmit such Conversion Shares issuable upon conversion of this Note to the Holder (or its designee), by crediting the account of the Holder’s (or such designee’s) broker with DTC through its Deposit Withdrawal At Custodian system (provided that the same time periods herein as for stock certificates shall apply) as instructed by the Holder (or its designee).

(b) Obligation Absolute. The Company’s obligations to issue and deliver the Conversion Shares upon conversion of this Note in accordance with the terms hereof are absolute and unconditional, irrespective of any action or inaction by the Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any Person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by the Holder or any other Person of any obligation to the Company or any violation or alleged violation of law by the Holder or any other Person, and irrespective of any other circumstance which might otherwise limit such obligation of the Company to the Holder in connection with the issuance of such Conversion Shares; provided, however, that such delivery shall not operate as a waiver by the Company of any such action the Company may have against the Holder. In the event the Holder of this Note shall elect to convert any or all of the outstanding Principal and any accrued and unpaid Interest thereon (if any) hereof, the Company may not refuse conversion based on any claim that the Holder or anyone associated or affiliated with the Holder has been engaged in any violation of law, agreement or for any other reason, unless an injunction from a court, on notice to Holder, restraining and or enjoining conversion of all or part of this Note shall have been sought and obtained, and the Company posts a surety bond for the benefit of the Holder in the amount of 110% of the outstanding Principal and any accrued and unpaid Interest thereon (if any) of this Note, which is subject to the injunction, which bond shall remain in effect until the completion of litigation of the underlying dispute and the proceeds of which shall be payable to the Holder

to the extent it obtains judgment. In the absence of such injunction, the Company shall issue the Conversion Shares or, if applicable, cash, upon delivery of a Conversion Notice.

(c) The Company's Failure to Timely Convert. If the Company shall fail for any reason or for no reason, on or prior to the applicable Share Delivery Date, if the Transfer Agent is not participating in FAST, to issue and deliver to the Holder (or its designee) a certificate for the number of Conversion Shares to which the Holder is entitled and register such Conversion Shares on the Company's share register or, if the Transfer Agent is participating in FAST, to credit the balance account of the Holder or the Holder's designee with DTC for such number of Conversion Shares to which the Holder is entitled upon the Holder's conversion of this Note (as the case may be) (a "Conversion Failure"), then, in addition to all other remedies available to the Holder, the Holder may by notice to the Company (in lieu of receiving such Conversion Shares subject to such Conversion Failure), require the Company to redeem, in cash, the Conversion Amount in such Conversion Failure at a redemption price equal to the Mandatory Default Amount with respect to such Conversion Amount in such Conversion Failure. In addition to the foregoing, if on or prior to the Share Delivery Date, if the Transfer Agent is not participating in FAST, the Company shall fail to issue and deliver to the Holder (or its designee) a certificate and register such shares of Common Stock on the Company's share register or, if the Transfer Agent is participating in FAST, the Transfer Agent shall fail to credit the balance account of the Holder or the Holder's designee with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder's conversion hereunder or pursuant to the Company's obligation pursuant to clause (II) below, and if on or after such Share Delivery Date the Holder acquires (in an open market transaction, stock loan or otherwise) shares of Common Stock corresponding to all or any portion of the number of shares of Common Stock issuable upon such conversion that the Holder is entitled to receive from the Company and has not received from the Company in connection with such Conversion Failure or Notice Failure, as applicable (a "Buy-In"), then, in addition to all other remedies available to the Holder, the Company shall, within two (2) Business Days after receipt of the Holder's request and in the Holder's discretion, either: (I) pay cash to the Holder in an amount equal to the Holder's total purchase price (including brokerage commissions, stock loan costs and other out-of-pocket expenses, if any) for the shares of Common Stock so acquired (including, without limitation, by any other Person in respect, or on behalf, of the Holder) (the "Buy-In Price"), at which point the Company's obligation to so issue and deliver such certificate (and to issue such shares of Common Stock) or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder's conversion hereunder (as the case may be) (and to issue such shares of Common Stock) shall terminate, or (II) promptly honor its obligation to so issue and deliver to the Holder a certificate or certificates representing such shares of Common Stock or credit the balance account of such Holder or such Holder's designee, as applicable, with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder's conversion hereunder (as the case may be) and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (x) such number of shares of Common Stock multiplied by (y) the lowest closing sale price of the Common Stock on any Trading Day during the period commencing on the date of the applicable Conversion Notice and ending on the date of such issuance and payment under this clause (II) (the "Buy-In Payment Amount"). Nothing shall limit the Holder's right to pursue any other remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver certificates representing shares of Common Stock (or to electronically deliver such shares of Common Stock) upon the conversion of this Note as required pursuant to the terms hereof.

(d) Pro Rata Conversion; Disputes. In the event that the Company receives a Conversion Notice from the Holder, any Purchasers of the Additional Notes and/or any holders of options, or other convertible securities for the same Conversion Date and the Company can convert some, but not all, of such portions of the Notes, options or other convertible securities submitted for conversion, the Company, subject to this Section 3.2(d), shall (i) first convert the entire Conversion Amount submitted for conversion on such date by the Holder and the Purchasers of the Additional Notes, if any, on a pro rata basis, and (ii) shall thereafter convert from each holder of options or other convertible securities electing to have options, warrants or other convertible Securities converted on such date (other than the Notes) a pro rata amount of such holder's portion of its options or other convertible securities submitted for conversion based on the aggregate number of shares of Common Stock issuable upon exercise (or conversion) of all options or other convertible securities submitted for conversion on such date (not including the Notes and Additional Notes).

(e) Beneficial Ownership Limitation. The Company shall not effect the conversion of any portion of this Note, and the Holder shall not have the right to convert any portion of this Note pursuant to the terms and conditions of this Note and any such

conversion shall be null and void and treated as if never made, to the extent that after giving effect to such conversion, the Holder together with the other Attribution Parties collectively would beneficially own in excess of 4.99% (the “Maximum Percentage”) of the shares of Common Stock outstanding immediately after giving effect to such conversion. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by the Holder and the other Attribution Parties shall include the number of shares of Common Stock held by the Holder and all other Attribution Parties plus the number of shares of Common Stock issuable upon conversion of this Note with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (A) conversion of the remaining, non-converted portion of this Note beneficially owned by the Holder or any of the other Attribution Parties and (B) exercise or conversion of the unexercised or non-converted portion of any other securities of the Company (including, without limitation, any convertible notes or convertible preferred stock or warrants, including, without limitation, the Warrants) beneficially owned by the Holder or any other Attribution Party subject to a limitation on conversion or exercise analogous to the limitation contained in this Section 3(d)(i). For purposes of this Section 3(d)(i), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act. For purposes of determining the number of outstanding shares of Common Stock the Holder may acquire upon the conversion of this Note without exceeding the Maximum Percentage, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company’s most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other public filing with the SEC, as the case may be, (y) a more recent public announcement by the Company or (z) any other written notice by the Company or the Transfer Agent, if any, setting forth the number of shares of Common Stock outstanding (the “Reported Outstanding Share Number”). If the Company receives a Conversion Notice from the Holder at a time when the actual number of outstanding shares of Common Stock is less than the Reported Outstanding Share Number, the Company shall notify the Holder in writing of the number of shares of Common Stock then outstanding and, to the extent that such Conversion Notice would otherwise cause the Holder’s beneficial ownership, as determined pursuant to this Section 3(d)(i), to exceed the Maximum Percentage, the Holder must notify the Company of a reduced number of shares of Common Stock to be purchased pursuant to such Conversion Notice. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Note, by the Holder and any other Attribution Party since the date as of which the Reported Outstanding Share Number was reported. In the event that the issuance of shares of Common Stock to the Holder upon conversion of this Note results in the Holder and the other Attribution Parties being deemed to beneficially own, in the aggregate, more than the Maximum Percentage of the number of outstanding shares of Common Stock (as determined under Section 13(d) of the Exchange Act), the number of shares so issued by which the Holder’s and the other Attribution Parties’ aggregate beneficial ownership exceeds the Maximum Percentage (the “Excess Shares”) shall be deemed null and void and shall be cancelled ab initio, and the Holder shall not have the power to vote or to transfer the Excess Shares. Furthermore, the Company shall indemnify the Holder in accordance with the Purchase Agreement, if the Holder suffers any damages or claims as a result of Excess Shares being issued. Upon delivery of a written notice to the Company, the Holder may from time to time increase (with such increase not effective until the 61st day after delivery of such notice) or decrease the Maximum Percentage to any other percentage not in excess of 9.99% as specified in such notice; provided that (i) any such increase in the Maximum Percentage will not be effective until the 61st day after such notice is delivered to the Company and (ii) any such increase or decrease will apply only to the Holder and the other Attribution Parties and not to any other holder of Notes that is not an Attribution Party of the Holder. For purposes of clarity, the shares of Common Stock issuable pursuant to the terms of this Note in excess of the Maximum Percentage shall not be deemed to be beneficially owned by the Holder for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the Exchange Act. No prior inability to convert this Note pursuant to this Section 3.3 shall have any effect on the applicability of the provisions of this Section 3.3 with respect to any subsequent determination of convertibility. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 3.3 to the extent necessary to correct any provision which may be defective or inconsistent with the intended beneficial ownership limitation contained in this Section 3.3 or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitation contained in this Section 3.3 may not be waived and shall apply to a successor holder of this Note.

3.3 Adjustment of Fixed Conversion Price.

(a) Until this Note has been paid in full or converted in full, the Fixed Conversion Price shall be subject to adjustment from time to time as follows (but shall not be increased, other than pursuant to a combination):

(i) Adjustments for Stock Splits and Combinations. If the Maker shall at any time or from time-to-time after the Original Issuance Date effect a split of the outstanding Common Stock or pays a dividend in Common Stock to

holders of its Common Stock, the applicable Fixed Conversion Price in effect immediately prior to the stock split shall be proportionately decreased. If the Maker shall at any time or from time-to-time after the Original Issuance Date, combine the outstanding Common Stock into a lesser number of shares, the applicable Fixed Conversion Price in effect immediately prior to the combination shall be proportionately increased. Any adjustments under this Section 3.3(a)(i) shall be effective at the close of business on the date the stock split, stock dividend, or combination occurs. If at any time and from time-to-time on or after the Original Issuance Date the Maker effects any split of the outstanding Common Stock or pays a dividend in Common Stock to holders of its Common Stock, and the Event Market Price (as defined below) is less than the Fixed Conversion Price then in effect (after giving effect to the adjustment in this Section 3.3(a)(i) above), then on the fifth Trading Day immediately following such split, the Fixed Conversion Price then in effect on such fifth Trading Day (after giving effect to the adjustment in Section 3.3(a)(i) above) shall be reduced (but in no event increased) to the Event Market Price. For the avoidance of doubt, if the adjustment in the immediately preceding sentence would otherwise result in an increase in the Fixed Conversion Price hereunder, no adjustment shall be made. “Event Market Price” means, with respect to any split, the quotient determined by dividing (x) the sum of the VWAP of the shares of Common Stock for each of the five Trading Days following such split divided by (y) five. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination, recapitalization or other similar transaction during such period.

(ii) Adjustments for Certain Dividends and Distributions. If the Maker shall at any time or from time to time after the Closing Date (but whether before or after the Original Issuance Date) make or issue or set a record date for the determination of holders of Common Stock entitled to receive a dividend or other distribution payable in Common Stock, then, and in each event, the applicable Fixed Conversion Price in effect immediately prior to such event shall be decreased as of the time of such issuance or, in the event such record date shall have been fixed, as of the close of business on such record date, by multiplying the applicable Fixed Conversion Price then in effect by a fraction:

(1) the numerator of which shall be the total number of Common Stock issued and outstanding immediately prior to the time of such issuance or the close of business on such record date; and

(2) the denominator of which shall be the total number of Common Stock issued and outstanding immediately prior to the time of such issuance or the close of business on such record date plus the number of Common Stock issuable in payment of such dividend or distribution.

(iii) Adjustment for Other Dividends and Distributions. If the Maker shall at any time or from time to time after the Closing Date (but whether before or after the Issuance Date) make or issue or set a record date for the determination of holders of Common Stock entitled to receive a dividend or other distribution payable in other Common Stock, then, and in each event, an appropriate revision to the applicable Fixed Conversion Price shall be made and provision shall be made (by adjustments of the Fixed Conversion Price or otherwise) so that the Holder of this Note shall receive upon conversions thereof, in addition to the number of Common Stock receivable thereon, the number of securities of the Maker or other issuer (as applicable) or other property that it would have received had this Note been converted into Common Stock in full (without regard to any conversion limitations herein) on the date of such event and had thereafter, during the period from the date of such event to and including the Conversion Date, retained such securities (together with any distributions payable thereon during such period) or assets, giving application to all adjustments called for during such period under this Section 3.3(a)(iii) with respect to the rights of the holders of this Note; provided, however, that if such record date shall have been fixed and such dividend is not fully paid or if such distribution is not fully made on the date fixed therefor, the Fixed Conversion Price shall be adjusted pursuant to this Section 3.3(a)(iii) as of the time of actual payment of such dividends or distributions.

(iv) Adjustments for Reclassification, Exchange or Substitution. If the Common Stock at any time or from time to time after the Closing Date (but whether before or after the Issuance Date) shall be changed to the same or different number of shares or other securities of any class or classes of stock or other property, whether by reclassification, exchange, substitution or otherwise (other than by way of a stock split or combination of shares or stock dividends provided for in Sections 3.3(a)(i), (ii) and (iii) hereof), then, and in each event, an appropriate revision to the Fixed Conversion Price shall be made and provisions shall be made (by adjustments of the Fixed Conversion Price or otherwise) so that the Holder shall have the right thereafter to convert this Note into the kind and amount of shares of stock or other securities or other property receivable upon reclassification, exchange, substitution or other change, by holders of the number of Common Stock into which such Note might have been converted immediately prior to such reclassification, exchange, substitution or other change, all subject to further adjustment as provided herein.

(b) Fractional Shares. The Company shall not issue any fraction of a share of Common Stock upon any conversion. 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 to the nearest whole share. If any adjustments to the Fixed Conversion Price under this Section 3.3 result in a fractional amount, the fractional amount rounded down to the nearest whole cent.

(c) No Impairment. The Maker shall not, by amendment of its Articles or Certificate of Incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms to be observed or performed hereunder by the Maker, but will at all times in good faith assist in the carrying out of all the provisions of this Section 3.3 and in the taking of all such action as may be necessary or appropriate in order to protect the conversion rights of the Holder against impairment.

(d) Certificates as to Adjustments. Upon occurrence of each adjustment or readjustment of the Fixed Conversion Price or number of Common Stock issuable upon conversion of this Note pursuant to this Section 3.3, the Maker at its expense shall promptly compute such adjustment or readjustment in accordance with the terms hereof and furnish to the Holder a certificate setting forth such adjustment and readjustment, showing in detail the facts upon which such adjustment or readjustment is based. The Maker shall, upon written request of the Holder, at any time, furnish or cause to be furnished to the Holder a like certificate setting forth such adjustments and readjustments, the applicable Fixed Conversion Price in effect at the time, and the number of Common Stock and the amount, if any, of other securities or property which at the time would be received upon the conversion of this Note. Notwithstanding the foregoing, the Maker shall not be obligated to deliver a certificate unless such certificate would reflect an increase or decrease of at least one percent of such adjusted amount.

(e) Issuance Taxes. The Maker shall pay any and all issuance and other taxes, excluding federal, state or local income taxes, that may be payable in respect of any issue or delivery of Common Stock on conversion of this Note pursuant thereto; provided, however, that the Maker shall not be obligated to pay any transfer taxes resulting from any transfer requested by the Holder in connection with any such conversion.

(f) Reservation of Common Stock. The Maker shall at all times while this Note shall be outstanding, reserve and keep available out of its authorized but unissued Common Stock the Required Minimum of Common Stock (disregarding for this purpose any and all limitations of any kind on such conversion). The Maker shall, from time-to-time, increase the authorized number of Common Stock or take other effective action if at any time the unissued number of authorized shares shall not be sufficient to satisfy the Maker's obligations under this Section 3.3(f).

(g) Regulatory Compliance. If any Common Stock to be reserved for the purpose of conversion of this Note requires registration or listing with or approval of any governmental authority, national securities exchange or other regulatory body under any federal or state law or regulation or otherwise before such shares may be validly issued or delivered upon conversion, the Maker shall, at its sole cost and expense, in good faith and as expeditiously as possible, secure such registration, listing or approval, as the case may be.

3.4 Rights Upon Fundamental Transaction

(a) Assumption. The Company shall not enter into or be party to a Fundamental Transaction unless (i) the Person (which may be the Company) formed by, resulting from or surviving any Fundamental Transaction or the Person with which such Fundamental Transaction shall have been entered into (the "Successor Entity") assumes in writing all of the obligations of the Company under this Note and the other Transaction Documents in accordance with the provisions of this Section 3.4(a) pursuant to written agreements in form and substance satisfactory to the Holder and approved by the Holder prior to such Fundamental Transaction, including agreements to deliver to each holder of Notes in exchange for such Notes a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to the Notes, including, without limitation, having Principal and Interest equal to the Principal then outstanding and any accrued and unpaid Interest thereon (if any) of the Notes held by the Holder, having similar conversion rights as the Notes and having similar ranking and security to the Notes, and satisfactory to the Holder and (ii) the Successor

Entity (including its parent entity) is a publicly traded corporation whose common stock is quoted on or listed for trading on any eligible market, including The Nasdaq Capital Market, the NYSE American LLC, The Nasdaq Global Select Market, The Nasdaq Global Market or The New York Stock Exchange, Inc. Upon the occurrence of any Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Note and the other Transaction Documents referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Note and the other Transaction Documents with the same effect as if such Successor Entity had been named as the Company herein. Upon consummation of a Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon conversion or redemption of this Note at any time after the consummation of such Fundamental Transaction, in lieu of the shares of Common Stock issuable upon the conversion or redemption of the Notes prior to such Fundamental Transaction, such shares of the publicly traded common stock (or their equivalent) of the Successor Entity (including its parent entity) which the Holder would have been entitled to receive upon the happening of such Fundamental Transaction had this Note been converted immediately prior to such Fundamental Transaction (without regard to any limitations on the conversion of this Note), as adjusted in accordance with the provisions of this Note. Notwithstanding the foregoing, the Holder may elect, at its sole option, by delivery of written notice to the Company to waive this Section 3.4(a) to permit the Fundamental Transaction without the assumption of this Note. The provisions of this Section 3.4(a) shall apply similarly and equally to successive Fundamental Transactions and shall be applied without regard to any limitations on the conversion of this Note.

(b) Other Corporate Events. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of shares of Common Stock are entitled to receive securities or other assets with respect to or in exchange for shares of Common Stock (a “Corporate Event”), the Company shall make appropriate provision to ensure that the Holder will thereafter have the right to receive upon a conversion of this Note, at the Holder’s option, (i) in addition to the shares of Common Stock receivable upon such conversion, such securities or other assets to which the Holder would have been entitled with respect to such shares of Common Stock had such shares of Common Stock been held by the Holder upon the consummation of such Corporate Event (without taking into account any limitations or restrictions on the convertibility of this Note) or (ii) in lieu of the shares of Common Stock otherwise receivable upon such conversion, such securities or other assets received by the holders of shares of Common Stock in connection with the consummation of such Corporate Event in such amounts as the Holder would have been entitled to receive had this Note initially been issued with conversion rights for the form of such consideration (as opposed to shares of Common Stock) at a conversion price for such consideration commensurate with the Conversion Price. Provision made pursuant to the preceding sentence shall be in a form and substance satisfactory to the Holder. The provisions of this Section 3.4(b) shall apply similarly and equally to successive Corporate Events and shall be applied without regard to any limitations on the conversion or redemption of this Note.

(c) Prepayment Following a Change of Control. No later than 15 days following the entry by the Company into an agreement for a Change of Control but in no event prior to the public announcement of such Change of Control, the Maker shall deliver written notice describing the entry into such agreement (“Notice of Change of Control”) to the Holder. Within 30 days after receipt of a Notice of Change of Control, the Holder may require the Maker to prepay, effective immediately prior to the consummation of such Change of Control, an amount equal to 110 % of the sum of (x) the outstanding Principal of this Note and (y) and any accrued and unpaid Interest thereon (if any) (the “COC Repayment Price”), by delivering written notice thereof (“Notice of Prepayment at Option of Holder Upon Change of Control”) to the Maker.

(d) Payment of COC Repayment Price. Upon the Maker’s receipt of a Notice(s) of Prepayment at Option of Holder Upon Change of Control from the Holder, the Maker shall deliver the COC Repayment Price to the Holder immediately prior to the consummation of the Change of Control; provided, that the Holder’s original Note shall have been so delivered to the Maker, and, provided, further that all payments shall be subject to the provisions of the Purchase Agreement with respect to the holders of the Other Notes.

3.5 Inability to Fully Convert.

(a) Holder’s Option if Maker Cannot Fully Convert. If, upon the Maker’s receipt of a Conversion Notice or as otherwise required under this Note, including with respect to repayment of Principal and any accrued and unpaid Interest thereon (if any) in Common Stock as permitted under this Note, the Maker cannot issue Common Stock for any reason, including, without limitation, because the Maker (x) does not have a sufficient number of shares of Common Stock authorized and available or (y) is otherwise prohibited by applicable law or by the rules or regulations of any national securities exchange, interdealer quotation system or other self-regulatory organization with jurisdiction over the Maker or any of its securities from issuing all of the shares of Common Stock which

are to be issued to the Holder pursuant to this Note, then the Maker shall issue as many shares of Common Stock as it is able to issue and, with respect to the unconverted portion of this Note or with respect to any Common Stock not timely issued in accordance with this Note, the Holder, solely at Holder's option, can elect to:

16

(i) require the Maker to prepay that portion of this Note for which the Maker is unable to issue Common Stock or for which Common Stock were not timely issued (the "Mandatory Prepayment") at a price equal to the number of shares of Common Stock that the Maker is unable to issue multiplied by the VWAP on the date of the Conversion Notice (the "Mandatory Prepayment Price") (provided all payments shall be subject to the provisions of the Purchase Agreement with respect to the holders of the Other Notes);

(ii) void its Conversion Notice and retain or have returned, as the case may be, this Note that was to be converted pursuant to the Conversion Notice (provided that the Holder's voiding its Conversion Notice shall not affect the Maker's obligations to make any payments which have accrued prior to the date of such notice); or

(iii) defer issuance of the applicable Conversion Shares until such time as the Maker can legally issue such shares; provided that the Principal and any accrued and unpaid Interest thereon (if any) underlying such Conversion Shares shall remain outstanding until the delivery of such Conversion Shares; and provided, further, that if the Holder elects to defer the issuance of the Conversion Shares, it may exercise its rights under either clause (i) or (ii) above at any time prior to the issuance of the Conversion Shares upon two Trading Days' notice to the Maker.

(b) Mechanics of Fulfilling Holder's Election. The Maker shall immediately send to the Holder, upon receipt of a Conversion Notice from the Holder, which cannot be fully satisfied as described in Section 3.6(a) above, a notice of the Maker's inability to fully satisfy the Conversion Notice (the "Inability to Fully Convert Notice"). Such Inability to Fully Convert Notice shall indicate (i) the reason why the Maker is unable to fully satisfy the Holder's Conversion Notice; and (ii) the amount of this Note which cannot be converted. The Holder shall notify the Maker of its election pursuant to Section 3.6(a) above by delivering written notice to the Maker ("Notice in Response to Inability to Convert").

(c) Payment of Mandatory Prepayment Price. If the Holder shall elect to have its Note prepaid pursuant to Section 3.6(a)(i) above, the Maker shall pay the Mandatory Prepayment Price to the Holder within five Trading Days of the Maker's receipt of the Holder's Notice in Response to Inability to Convert; provided that prior to the Maker's receipt of the Holder's Notice in Response to Inability to Convert the Maker has not delivered a notice to the Holder stating, to the satisfaction of the Holder, that the event or condition resulting in the Mandatory Prepayment has been cured and all Conversion Shares issuable to the Holder can and will be delivered to the Holder in accordance with the terms of this Note. Until the full Mandatory Prepayment Price is paid in full to the Holder, the Holder may (i) void the Mandatory Prepayment with respect to that portion of the Note for which the full Mandatory Prepayment Price has not been paid and (ii) receive back such Note.

17

(d) Purchase Rights. If at any time the Company grants, issues or sells any options, other convertible securities or rights to purchase stock, warrants, securities or other property pro rata to all or substantially all of the record holders of Common Stock (the "Purchase Rights"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete conversion of this Note (without taking into account any limitations or restrictions on the convertibility of this Note and assuming for such purpose that the Note was converted at the Alternative Conversion Price as of the applicable record date) immediately prior to the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, that to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to the extent of the Maximum Percentage (and shall not be entitled to beneficial ownership of such shares of Common Stock as a result of such Purchase Right (and beneficial ownership) to the extent of any such excess) and such Purchase Right to such extent shall be held in abeyance (and, if such Purchase Right has an expiration date, maturity date or other similar provision, such term shall be extended by

such number of days held in abeyance, if applicable) for the benefit of the Holder until such time or times, if ever, as its right thereto would not result in the Holder and the other Attribution Parties exceeding the Maximum Percentage, at which time or times the Holder shall be granted such right (and any Purchase Right granted, issued or sold on such initial Purchase Right or on any subsequent Purchase Right held similarly in abeyance (and, if such Purchase Right has an expiration date, maturity date or other similar provision, such term shall be extended by such number of days held in abeyance, if applicable)) to the same extent as if there had been no such limitation).

(e) No Rights as Shareholder. Nothing contained in this Note shall be construed as conferring upon the Holder, prior to the conversion of this Note, the right to vote or to receive dividends or to consent or to receive notice as a shareholder of the Company in respect of any meeting of shareholders for the election of directors of the Maker or of any other matter, or any other rights as a shareholder of the Maker.

ARTICLE 4

4.1 Covenants. For so long as any Principal of the Notes and Additional Notes remains outstanding, unless holders of at least 67% (but including each of the initial holders of Notes, as long as such holder (or any of its affiliates) holds any Notes) of the aggregate outstanding Principal of the Notes, Other Notes and Additional Notes have otherwise given prior written consent:

(a) Rank. All payments due under this Note shall rank senior to all other Indebtedness of the Company and its Subsidiaries, except for the Other Notes, and Additional Notes upon issuance.

(b) Incurrence of Indebtedness. The Company shall not, and the Company shall cause each of its Subsidiaries to not, directly or indirectly, incur or guarantee or assume any Indebtedness (other than (i) this Note and the Additional Notes upon issuance, and (ii) Permitted Indebtedness).

18

(c) Existence of Liens. The Company shall not, and the Company shall cause each of its Subsidiaries to not, directly or indirectly, allow or suffer to exist any mortgage, lien, pledge, charge, security interest, deed of trust, or other encumbrance upon or in any property or assets (including accounts and contract rights) owned by the Company or any of its Subsidiaries (collectively, "Liens") other than Permitted Liens.

(d) Restricted Payments. Except as otherwise provided for in this Note, the Other Notes or the other Transaction Documents, the Company shall not, and the Company shall cause each of its Subsidiaries to not, directly or indirectly, prepay, defease, repurchase, repay or make any payments in respect of, by the payment of cash or cash equivalents (in whole or in part, whether by way of open market purchases, tender offers, private transactions or otherwise), all or any portion of any Indebtedness (other than the Note, the Other Notes and Additional Notes) whether by way of payment in respect of principal of (or premium, if any) or Interest on, such Indebtedness if at the time such payment is due or is otherwise made or, after giving effect to such payment, (i) an event constituting an Event of Default has occurred and is continuing or (ii) an event that with the passage of time and without being cured would constitute an Event of Default has occurred and is continuing.

(e) Restriction on Prepayment and Cash Dividends. At any time that an Event of Default exists and is continuing under this Note, the Company shall not, and the Company shall cause each of its Subsidiaries to not, directly or indirectly, prepay, repurchase or declare or pay any cash dividend or other distribution on any of its capital stock excluding any intercompany transfers.

(f) Restriction on Transfer of Assets. The Company shall not, and the Company shall cause each of its Subsidiaries to not, directly or indirectly, sell, lease, license, assign, transfer, spin-off, split-off, convey or otherwise dispose of any assets or rights of the Company or any Subsidiary owned or hereafter acquired whether in a single transaction or a series of related transactions, other than (i) sales, leases, licenses, assignments, transfers, conveyances and other dispositions of such assets or rights by the Company and its Subsidiaries in the ordinary course of business, (ii) dispositions of inventory and products in the ordinary course of business, and (iii) dispositions of unwanted or obsolete assets, (iv) dispositions of property to the extent that (a) such property is exchanged for credit against the purchase price of similar replacement property that is promptly purchased or (b) the proceeds of such disposition are promptly applied to the purchase price of such replacement property (which replacement property is actually promptly purchased).

(g) Preservation of Existence, Etc. The Company shall maintain and preserve, and cause each of its Subsidiaries to maintain and preserve, its existence, rights and privileges, and become or remain, and cause each of its material Subsidiaries to become

or remain, duly qualified and in good standing in each jurisdiction in which the character of the properties owned or leased by it or in which the transaction of its business makes such qualification necessary.

(h) Maintenance of Properties, Etc. The Company shall maintain and preserve, and cause each of its material Subsidiaries to maintain and preserve, all of its properties which are necessary or useful in the proper conduct of its business in good working order and condition, ordinary wear and tear excepted, and comply, and cause each of its material Subsidiaries to comply, at all times with the provisions of all leases to which it is a party as lessee or under which it occupies property, so as to prevent any loss or forfeiture thereof or thereunder.

19

(i) Maintenance of Intellectual Property. The Company will, and will cause each of its material Subsidiaries to, take all action necessary or advisable to maintain all of the rights or licenses to use all trademarks, trade names, service marks, service mark registrations, service names, original works of authorship, patents, patent rights, copyrights, inventions, licenses, approvals, governmental authorizations, trade secrets and other intellectual property rights and all applications and registrations therefor of the Company and/or any of its Subsidiaries, in each case that are necessary or material to the conduct of its business in full force and effect.

(j) Maintenance of Insurance. The Company shall maintain, and cause each of its Subsidiaries to maintain, insurance with responsible and reputable insurance companies or associations (including, without limitation, comprehensive general liability, hazard, rent and business interruption insurance) with respect to its properties (including all real properties leased or owned by it) and business, in such amounts and covering such risks as is required by any governmental authority having jurisdiction with respect thereto or as is carried generally by companies in similar businesses similarly situated. Within 30 days of the Original Issuance Date, the Company shall have in effect a directors and officers liability insurance policy in an amount at least equal to \$5,000,000, and maintain such insurance policy at all times.

(k) Transactions with Affiliates. The Company shall not, nor shall it permit any of its Subsidiaries to, enter into, renew, extend or be a party to, any transaction or series of related transactions (including, without limitation, the purchase, sale, lease, transfer or exchange of property or assets of any kind or the rendering of services of any kind) with any Affiliate, except in the ordinary course of business and necessary or desirable for the prudent operation of its business, for fair consideration and on terms no less favorable to it or its Subsidiaries than would be obtainable in a comparable arm's length transaction with a Person that is not an Affiliate thereof other than (i) transactions between or among the Company and its Subsidiaries or any Person that becomes a Subsidiary as a result of such transaction; (ii) loans and other transactions by and among the Company and/or one or more Subsidiaries to the extent permitted under this Section 4.1; (iii) employment, bonus, and severance arrangements between the Company or any Subsidiary and their respective officers and employees in the ordinary course of business and transactions pursuant to stock option plans and employee benefit plans and arrangements; (iv) pursuant to any tax sharing agreements among the Company (and any such direct or indirect parent thereof) and its Subsidiaries on customary terms to the extent attributable to the ownership or operation of the Company and its Subsidiaries; (v) transactions pursuant to agreements in existence on the date this Note is issued as set forth under the Purchase Agreement; (vi) the payment of customary fees and reasonable out of pocket costs to, and indemnities provided on behalf of, directors, managers, officers, employees, and consultants of the Company and its Subsidiaries in the ordinary course of business to the extent attributable to the ownership or operation of the Company and its Subsidiaries;

20

(l) Dividends. Pay dividends and other distributions as set forth under the Purchase Agreement.¹

(m) Use of Proceeds. The Maker shall use the proceeds of this Note for general corporate purposes, as set forth in the Purchase Agreement.

(n) Operation of Business. The Company shall operate its business in the ordinary course consistent with past practices.

(o) Compliance with Transaction Documents. The Maker shall, and shall cause its Subsidiaries to, comply with its obligations under this Note and the other Transaction Documents.

(p) Payment of Taxes, Etc. The Maker shall, and shall cause each of its Subsidiaries to, promptly pay and discharge, or cause to be paid and discharged, when due and payable, all lawful taxes, assessments and governmental charges or levies imposed upon the income, profits, property or business of the Maker and the Subsidiaries, except for such failures to pay that, individually or in the aggregate, have not had and would not reasonably be expected to have a Material Adverse Effect; provided, however, that any such tax, assessment, charge or levy need not be paid if the validity thereof shall currently be contested in good faith by appropriate proceedings and if the Maker or such Subsidiaries shall have set aside on its books adequate reserves with respect thereto, and provided, further, that the Maker and such Subsidiaries will pay all such taxes, assessments, charges or levies forthwith upon the commencement of proceedings to foreclose any lien which may have attached as security therefor.

(q) Variable Rate Transactions. The Company shall not enter into any Variable Rate Transactions, except as otherwise provided under the Purchase Agreement.

(r) Corporate Reorganization. The Company shall consummate the Corporate Reorganization within one hundred eighty (180) days from the date hereof. Notwithstanding anything to the contrary contained herein or in any other Transaction Document, the Company shall in no way be prohibited or restricted from effecting the Corporate Reorganization at any time from and after the date hereof.

4.2 Option of the Holders. In connection with the number of Trading Days referred to in Sections 3.1(b), 3.3(a)(i), 5.11(c) and 5.11(nn) of this Note, each Holder shall have the option to add the number of Trading Days for which a temporary “chill” has been in effect as specified in the Purchase Agreement.

ARTICLE 5

5.1 Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of (a) the date of transmission, if such notice or communication is delivered via email at the email address specified in this Section 5.1 prior to 5:00 p.m. (New York, N.Y. time) on a Trading Day, (b) the next Trading Day after the date of transmission, if such notice or communication is delivered via email at the email address specified in this Section 5.1 on a day that is not a Trading Day or later than 5:00 p.m. (New York, N.Y. time) on any date and earlier than 11:59 p.m. (New York, N.Y. time) on such date, (c) the Trading Day following the date of delivery to a carrier, if sent by U.S. nationally recognized overnight courier service next Trading Day delivery, or (d) upon actual receipt by the party to whom such notice is required to be given. The addresses for notice shall be as set forth in the Purchase Agreement.

21

5.2 Governing Law. This Note shall be governed by and construed in accordance with the Purchase Agreement. This Note shall not be interpreted or construed with any presumption against the party causing this Note to be drafted.

5.3 Headings. Article and section headings in this Note are included herein for purposes of convenience of reference only and shall not constitute a part of this Note for any other purpose.

5.4 Remedies, Characterizations, Other Obligations, Breaches and Injunctive Relief. The remedies provided in this Note shall be cumulative and in addition to all other remedies available under this Note, at law or in equity (including, without limitation, a decree of specific performance and/or other injunctive relief), no remedy contained herein shall be deemed a waiver of compliance with the provisions giving rise to such remedy and nothing herein shall limit the Holder’s right to pursue actual damages for any failure by the Maker to comply with the terms of this Note. Amounts set forth or provided for herein with respect to payments, conversion and the like (and the computation thereof) shall be the amounts to be received by the Holder thereof and shall not, except as expressly provided herein, be subject to any other obligation of the Maker (or the performance thereof). The Maker acknowledges that a breach by it of its obligations hereunder will cause irreparable and material harm to the Holder and that the remedy at law for any such breach would be inadequate. Therefore, the Maker agrees that, in the event of any such breach or threatened breach, the Holder shall be entitled, in addition to all other available rights and remedies, at law or in equity, to seek equitable relief, including but not limited to an injunction restraining any such breach or threatened breach, without the necessity of pleading and proving irreparable harm or lack of an adequate remedy at law and without any bond or other security being required.

5.5 Enforcement Expenses. The Maker agrees to pay all costs and expenses of the Holder in enforcing or exercising its rights under this Note, including, without limitation, reasonable attorneys’ fees and expenses and the fees and expenses of any expert witnesses.

5.6 Binding Effect. The obligations of the Maker set forth herein shall be binding upon its successors and assigns, whether or not such successors or assigns are permitted by the terms herein.

5.7 Amendments; Waivers. Except for Section 3.2(e), which may not be amended, modified or waived by the Company or the Holder, no provision of this Note may be waived or amended except in a written instrument signed by the Company and the Holder. No waiver of any default with respect to any provision, condition or requirement of this Note shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of the Holder to exercise any right hereunder in any manner impair the exercise of any such right. Compliance with Securities Laws. The Holder of this Note acknowledges that this Note is being acquired solely for the Holder's own account and not as a nominee for any other party, and for investment, and that the Holder shall not offer, sell or otherwise dispose of this Note in violation of applicable securities laws. This Note and any Note issued in substitution or replacement therefor shall be stamped or imprinted with a legend in substantially the form as the legend on the face of this Note.

5.8 Exclusive Jurisdiction; Venue. Any action, proceeding or claim arising out of, or relating in any way to, this Agreement shall be brought and enforced as provided in the Purchase Agreement.

5.9 Failure or Indulgence Not Waiver. No failure or delay on the part of the Holder in the exercise of any power, right or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such power, right or privilege preclude other or further exercise thereof or of any other right, power or privilege.

5.10 Maker Waivers. Except as otherwise specifically provided herein, the Maker and all others that may become liable for all or any part of the obligations evidenced by this Note, hereby waive presentment, demand, notice of nonpayment, protest and all other demands' and notices in connection with the delivery, acceptance, performance and enforcement of this Note, and do hereby consent to any number of renewals or extensions of the time or payment hereof and agree that any such renewals or extensions may be made without notice to any such persons and without affecting their liability herein and do further consent to the release of any person liable hereon, all without affecting the liability of the other persons, firms or Maker liable for the payment of this Note, **and do hereby waive the right to a trial by jury**.

5.11 Definitions. Capitalized terms used herein and not defined shall have the meanings set forth in the Purchase Agreement. For the purposes hereof, the following terms shall have the following meanings.

(a) "Additional Note(s)" means the Notes the Maker is required to issue the Purchasers upon the Purchasers lending the Maker additional funds as required by the Purchase Agreement and in an amount reflected on the Purchaser's signature page to the Purchase Agreement and subject to its conditions.

(b) "Affiliate" means, with respect to any Person, any other Person that directly or indirectly controls, is controlled by, or is under common control with, such Person, it being understood for purposes of this definition that "control" of a Person means the power directly or indirectly either to vote 10% or more of the stock having ordinary voting power for the election of directors of such Person or direct or cause the direction of the management and policies of such Person whether by contract or otherwise.

(c) "Alternative Conversion Price" means the lower of (i) the Conversion Price, as adjusted, or (ii) 80% of the lowest daily VWAP in the 10 Trading Days immediately preceding the applicable Conversion Date.

(d) "Attribution Parties" means, collectively, the following Persons and entities: (i) any investment vehicle, including, any funds, feeder funds or managed accounts, currently, or from time to time after the Original Issuance Date, directly or indirectly managed or advised by the Holder's investment manager or any of its Affiliates or principals, (ii) any direct or indirect Affiliates of the Holder or any of the foregoing, (iii) any Person acting or who could be deemed to be acting as a Group together with the Holder or any of the foregoing and (iv) any other Persons whose beneficial ownership of the Company's Common Stock would or could be

aggregated with the Holder's and the other Attribution Parties for purposes of Section 13(d) of the Exchange Act. For clarity, the purpose of the foregoing is to subject collectively the Holder and all other Attribution Parties to the Maximum Percentage.

(e) "Change of Control" means any Fundamental Transaction other than (i) any merger of the Company or any of its, direct or indirect, wholly-owned Subsidiaries with or into any of the foregoing Persons, (ii) any reorganization, recapitalization or reclassification of the shares of Common Stock in which holders of the Company's voting power immediately prior to such reorganization, recapitalization or reclassification continue after such reorganization, recapitalization or reclassification to hold publicly traded securities and, directly or indirectly, are, in all material respects, the holders of the voting power of the surviving entity (or entities with the authority or voting power to elect the members of the board of directors (or their equivalent if other than a corporation) of such entity or entities) after such reorganization, recapitalization or reclassification, or (iii) pursuant to a migratory merger effected solely for the purpose of changing the jurisdiction of incorporation of the Company or any of its Subsidiaries. The Corporate Reorganization shall not be deemed a Change of Control.

(f) "COC Repayment Price" has the meaning contained in Section 3.4(c).

(g) "Common Stock" shall have the meaning as defined in the Purchase Agreement, and for the purposes of this Note, shall also refer to Conversion Shares unless otherwise apparent from the context.

(h) "Company" has the meaning contained on page 1 of this Note.

(i) "Conversion Amount" has the meaning contained in Section 3.1(a).

(j) "Conversion Date" has the meaning contained in Section 3.1(a).

(k) "Conversion Failure" has the meaning contained in Section 3.2(c).

(l) "Conversion Notice" has the meaning contained in Section 3.1(a).

(m) "Conversion Price" has the meaning contained in Section 3.1(b).

(n) "Conversion Shares" has the meaning contained in Section 3.2(a). In this Note, the use of Common Stock shall also refer to Conversion Shares unless otherwise apparent from the context.

(o) "Corporate Event" has the meaning contained in Section 3.4(b).

(p) "Corporate Reorganization" shall have the meaning as defined by the Purchase Agreement..

(q) "Default Interest" has the meaning contained in Section 1.2

(r) "Default Interest Payment Date" has the meaning contained in Section 1.2.

(s) "DTC" has the meaning contained in Section 3.2(a).

(t) "Equity Conditions" shall have the meaning as defined by the Purchase Agreement.

(u) "Event Market Price" has the meaning contained in Section 3.3 (a)(i).

(v) "Event of Default" has the meaning contained in Section 2.1.

(w) "Exchange Act" means the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder.

(x) "FAST" has the meaning contained in Section 3.2(a).

(y) “Fixed Conversion Price” has the meaning contained in Section 3.1(b)

(z) “Floor Price” means \$3.71; provided, that the Company may lower the Floor Price at any time upon written notice to each holder of Notes; provided, further, that any such reduction shall only be effective on any given date, if notice of such reduction is delivered by the Company to the Holder prior to 9:30 AM, New York City time on such given date (and any such notice delivered after 9:30 AM, New York City time on such given date, shall be effective at 9:30 AM, New York City time on the Trading Day immediately following such given date (unless otherwise agreed to in writing by the Holder and the Company, which may be an e-mail).

(aa) “Fundamental Transaction” means, other than with respect to the Corporate Reorganization, (A) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Person, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company or any of its “significant subsidiaries” (as defined in Rule 1-02 of Regulation S-X) to one or more Persons, or (iii) make, or allow one or more Persons to make, or allow the Company to be subject to or have its Common Stock be subject to or party to one or more Persons making, a purchase, tender or exchange offer that is accepted by the holders of at least either (x) 50% of the outstanding shares of Common Stock, (y) 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all Persons making or party to, or Affiliated with any Person or group of Persons making or party to, such purchase, tender or exchange offer were not outstanding; or (z) such number of shares of Common Stock such that all Persons making or party to, or Affiliated with any Person making or party to, such purchase, tender or exchange offer, become collectively the beneficial owners (as defined in Rule 13d-3 under the Exchange Act) of at least 50% of the outstanding shares of Common Stock, or (iv) consummate a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with one or more Persons whereby all such Persons, individually or in the aggregate, acquire, either (x) at least 50% of the outstanding shares of Common Stock, (y) at least 50% of the outstanding shares of Common Stock calculated as if any shares of Common Stock held by all the Persons making or party to, or Affiliated with any Person making or party to, such stock purchase agreement or other business combination were not outstanding; or (z) such number of shares of Common Stock such that the Persons become collectively the beneficial owners (as defined in Rule 13d-3 under the Exchange Act) of at least 50% of the outstanding shares of Common Stock, or (v) reorganize, recapitalize or reclassify its Common Stock, (B) that the Company shall, directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, allow any Person individually or the Persons in the aggregate to be or become the “beneficial owner” (as defined in Rule 13d-3 under the Exchange Act), directly or indirectly, whether through acquisition, purchase, assignment, conveyance, tender, tender offer, exchange, reduction in outstanding shares of Common Stock, merger, consolidation, business combination, reorganization, recapitalization, spin-off, scheme of arrangement, reorganization, recapitalization or reclassification or otherwise in any manner whatsoever, of either (x) at least 50% of the aggregate ordinary voting power represented by issued and outstanding Common Stock, (y) at least 50% of the aggregate ordinary voting power represented by issued and outstanding Common Stock not held by all such Persons as of the date of this Note calculated as if any shares of Common Stock held by all such Persons were not outstanding, or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Persons to effect a statutory short form merger or other transaction requiring other shareholders of the Company to surrender their shares of Common Stock without approval of the shareholders of the Company or (C) directly or indirectly, including through subsidiaries, Affiliates or otherwise, in one or more related transactions, the issuance of or the entering into any other instrument or transaction structured in a manner to circumvent, or that circumvents, the intent of this definition in which case this definition shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this definition to the extent necessary to correct this definition or any portion of this definition which may be defective or inconsistent with the intended treatment of such instrument or transaction.

(bb) “Governmental Authority” means the government of the United States, or any political subdivision thereof, whether state or local, and any agency, authority, instrumentality, regulatory body, court, central bank, or other entity exercising executive, legislative, judicial, taxing, regulatory or administrative powers or functions of or pertaining to government.

(cc) “Group” means a “group” as that term is used in Section 13(d) of the Exchange Act and as defined in Rule 13d-5 thereunder. For clarity purposes, the Holder and each holder of the Notes and Additional Notes shall not in any way be construed as acting in concert or as a group with other holders with respect to the purchase or conversion of the Notes or Additional Notes or disposition of any Conversion Shares or otherwise.

(dd) “Holder” has the meaning contained on page 1 of this Note.

(ee) “Inability to Fully Convert Notice” has the meaning contained in Section 3.6(b).

(ff) “Indebtedness” means: (a) all obligations for borrowed money; (b) all obligations evidenced by bonds, debentures, notes, or other similar instruments and all reimbursement or other obligations in respect of letters of credit, bankers acceptances, current swap agreements, interest rate hedging agreements, interest rate swaps, or other financial products; (c) all obligations or liabilities secured by a lien or encumbrance on any asset of the Maker, irrespective of whether such obligation or liability is assumed; and (d) any obligation guaranteeing or intended to guarantee (whether directly or indirectly guaranteed, endorsed, co-made, discounted or sold with recourse) any of the foregoing obligations of any other person.

(gg) “Interest” has the meaning contained in Section 1.2.

(hh) “Key Executives” shall have the meaning set forth in the Purchase Agreement.

(ii) “Liens” has the meaning contained in Section 4.1(c).

(jj) “Liquidation Event” has the meaning contained in Section 1.6

(kk) “Maker” has the meaning contained on page 1 of this Note.

(ll) “Mandatory Default Amount” means an amount equal to 100% of the sum of (x) the outstanding Principal of this Note on the date on which the first Event of Default has occurred hereunder and (y) any accrued and unpaid Interest thereon, if any.

(mm) “Mandatory Prepayment” and “Mandatory Prepayment Price” have the meaning contained in Section 3.5(a)(i).

(nn) “Market Price” means the lowest VWAP of the Common Stock on the principal Trading Market for the 10 consecutive Trading Days ending on the Trading Day that is immediately prior to the applicable date of determination.

(oo) “Maturity Date” has the meaning contained on page 1 of this Note.

(pp) “Maximum Percentage” has the meaning contained in Section 3.2(e).

(qq) “Note” has the meaning contained on page 1 of this note.

(rr) “Notice in Response to Inability to Convert” has the meaning contained in Section 3.5(b).

(ss) “Notice of Change of Control” has the meaning contained in Section 3.6(a).

(tt) “Notice of Prepayment at Option of Holder Upon Change of Control” has the meaning contained in Section 3.4(c).

(uu) “Other Notes” has the meaning contained in Section 1.6.

(vv) “Permitted Indebtedness” means the Indebtedness (i) evidenced by this Note and the Additional Notes when issued, (ii) for operational costs incurred in the normal course and consistent with past practices and not to exceed \$500,000, or such higher amount with the consent of each Purchaser, (iii) in the form of capitalized leases and purchase money security interests incurred solely for the purpose of financing the acquisition of equipment and assets, where the sole recourse of the applicable seller in connection with such purchases is against the equipment or assets purchased, used in the business in the ordinary course of business and consistent with past practices and not to exceed \$10,000,000, in the aggregate, or such higher amount with the consent of each Purchaser, (iv) incurred to finance insurance premiums in the ordinary course of business, and (iv) Indebtedness which is guaranteed by any Governmental Authority.

(ww) “Permitted Liens” means (i) Liens under the Transaction Documents, (ii) any lien for taxes not yet due or delinquent or being contested in good faith by appropriate proceedings for which adequate reserves have been established in accordance with GAAP, (iii) any statutory Lien arising in the ordinary course of business by operation of law with respect to a liability that is not yet due or delinquent, (iv) any Lien created by operation of law, such as materialmen’s Liens, mechanics’ Liens and other similar Liens, arising in the ordinary course of business with respect to a liability that is not yet due or delinquent or that are being contested in good faith by appropriate proceedings, (iv) Liens arising from judgments, decrees or attachments in circumstances not constituting an Event of Default under this Note, and (v) Liens subject to the consent of the Holder.

(xx) “Principal” has the meaning contained on page 1 of this Note.

(yy) “Purchase Agreement” has the meaning contained in Section 1.1.

(zz) “Reported Outstanding Share Number” has the meaning contained in Section 3.2 (e).

(aaa) “Required Consent” shall have the meaning contained in the Purchase Agreement.

(bbb) “Required Minimum” shall have the meaning contained in the Purchase Agreement.

(ccc) “Reset Date” has the meaning contained in Section 3.1(b)

(ddd) “SEC” means the United States Securities and Exchange Commission or the successor thereto.

(eee) “Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations thereunder.

(fff) “Security Agreement” has the meaning contained in Section 1.1.

(ggg) “Share Delivery Date” has the meaning contained in Section 3.2(a).

(hhh) “Standard Settlement Period” has the meaning contained in Section 2.1(d).

(iii) “Subsidiary” shall have the meaning contained in the Purchase Agreement.

(jjj) “Successor Entity” has the meaning contained in Section 3.4(a).

(kkk) “Trading Day” means a day on which the Common Stock are traded on a Trading Market for at least 4.5 hours.

(lll) “Trading Market” means the Nasdaq Capital Market.

(mmm) “Transaction Documents” has the meaning contained in the Purchase Agreement.

(nnn) “Transfer Agent” has the meaning contained in Section 3.2 (a).

(ooo) “Underlying Shares” has the meaning contained in the Purchase Agreement.

(ppp) “Variable Conversion Price” has the meaning contained in Section 3.1 (b).

(qqq) “Variable Rate Transactions” has the meaning contained in the Purchase Agreement.

(rrr) “VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on the Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York, N.Y. time) to 4:02 p.m. (New York, N.Y. time)), (b) if the Common Stock is traded on OTCQB or OTCQX , the volume weighted average sales price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and

if prices for the Common Stock is then reported in the "Pink Open Market" or successor operated by OTC Markets Group, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent broker-dealer selected in good faith by the Holder and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

(sss) "Warrants" has the meaning contained in the Purchase Agreement.

[Signature Page Follows]

29

IN WITNESS WHEREOF, the Maker has caused this Note to be duly executed by its duly authorized officer as of the date first above indicated.

ATLIS MOTOR VEHICLES, INC.

By: _____
Name:
Title:

Signature Page to Note

EXHIBIT A

FORM OF CONVERSION NOTICE

(To be Executed by the Holder in order to Convert the Note)

The undersigned hereby irrevocably elects to convert \$ _____ of the Principal of Note No. ____ into shares of Common Stock of ATLIS MOTOR VEHICLES, INC. (the "Maker") according to the terms and conditions set forth in the aforementioned Note, as of the date written below.

Date of Conversion:

Conversion Amount:

Applicable Conversion Price:

Number of shares of Common Stock beneficially owned or deemed beneficially owned by the Holder on the Conversion Date:

Number of shares of Common Stock to be issued:

[HOLDER]

By: _____
Name:
Title:
Address:

Exhibit A

FORM OF COMMON STOCK PURCHASE WARRANT

NEITHER THIS SECURITY NOR THE SECURITIES FOR WHICH THIS SECURITY IS EXERCISABLE HAVE BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS AS EVIDENCED BY A LEGAL OPINION OF COUNSEL TO THE TRANSFEROR TO SUCH EFFECT, THE SUBSTANCE OF WHICH SHALL BE REASONABLY ACCEPTABLE TO THE COMPANY. THIS SECURITY AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS SECURITY MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN SECURED BY SUCH SECURITIES.

**COMMON STOCK PURCHASE WARRANT
ATLIS MOTOR VEHICLES, INC.**

Warrant Shares: _____¹

Exercise Price: \$15.00

Initial Exercise Date: _____, 2022²

THIS COMMON STOCK PURCHASE WARRANT (this “Warrant”) certifies that, for value received, _____, or its assigns (the “Holder”) is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, to subscribe for and purchase from Atlis Motor Vehicles, Inc., a Delaware corporation (the “Company”), _____ shares of Common Stock (subject to adjustment hereunder, the “Warrant Shares”) at any time on or after the date hereof (the “Initial Exercise Date”) and on or prior to the close of business on the five year anniversary of the Initial Exercise Date (the “Termination Date”) but not thereafter.

The purchase price of one Warrant Share under this Warrant shall be equal to the Exercise Price, as defined in Section 2(b).

Section 1. Definitions. Capitalized terms used and not otherwise defined herein shall have the meanings set forth in that certain Securities Purchase Agreement (the “Purchase Agreement”), dated _____, 2022, between the Company and the Holder.

Section 2. Exercise.

¹ Number of warrants to equal 30% of the Face value of the Note divided by the VWAP (as defined in the Note) prior to the applicable Closing Date.

² The Initial Exercise Date will be the applicable Closing Date

(a) Exercise of the purchase rights represented by this Warrant may be made, in whole or in part, at any time or times on or after the Initial Exercise Date and on or before the Termination Date by delivery to the Company (or such other office or agency of the Company as it may designate by notice in writing to the registered Holder at the address of the Holder appearing on the books of the Company) of a duly executed facsimile or .pdf electronic copy of the Notice of Exercise Form annexed hereto (the “Notice of Exercise”). Within the earlier of (i) two Trading Days following the date of exercise as aforesaid or (ii) the Standard Settlement Period, the Holder shall deliver the aggregate Exercise Price for the shares specified in the applicable Notice of Exercise by wire transfer or cashier’s check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. In the event that the Holder is required to make any payments to the Company’s stock transfer agent in connection with its

exercise of this Warrant resulting from any failure of the Company to pay the transfer agent, the Holder may deduct such sums it pays the transfer agent from the total Exercise Price due. Notwithstanding anything herein to the contrary (although the Holder may surrender the Warrant to, and receive a replacement Warrant from, the Company), the Holder shall not be required to physically surrender this Warrant to the Company until the Holder has purchased all of the Warrant Shares available hereunder and the Warrant has been exercised in full, in which case, the Holder shall surrender this Warrant to the Company for cancellation within five Trading Days of the date the final Notice of Exercise is delivered to the Company. Partial exercises of this Warrant resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have the effect of lowering the outstanding number of Warrant Shares purchasable hereunder in an amount equal to the applicable number of Warrant Shares purchased. The Holder and the Company shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise Form within two Trading Days of delivery of such notice. The Holder, by acceptance of this Warrant, acknowledges and agrees that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.

(b) Exercise Price. The initial exercise price per share of the Common Stock under this Warrant shall be equal to the lower of (i) \$15.00 per share and (ii) 92.5% of the average of the lowest 3 VWAPs on the 10 Trading Days preceding a Note of Exercise, subject to adjustment as provided herein (the “Exercise Price”). The Exercise Price shall have a one-time reset at the 6-month anniversary of the Initial Exercise Date (the “Reset Date”) to the lower of the initial Exercise Price and 120% of the daily VWAP on the Trading Day prior to the Reset Date.

2

(c) Cashless Exercise. If at any time after the six-month anniversary of the Initial Exercise Date, there is no effective Registration Statement covering the resale of the Warrant Shares by the Holder, then this Warrant may also be exercised at the Holder’s election, in whole or in part and in lieu of making the cash payment otherwise contemplated to be made to the Company upon such exercise, at such time by means of a “cashless exercise” in which the Holder shall be entitled to receive a number of Warrant Shares equal to the number obtained by dividing $[(A \times B) - (A \times C)]$ by (D), where:

- (A) = the number of Warrant Shares that would be issuable upon exercise of this Warrant in accordance with the terms of this Warrant if such exercise were by means of a cash exercise rather than a cashless exercise;
- (B) = the greater of (i) the arithmetic average of the VWAPs (as defined in the Notes or Additional Notes, as applicable) for the five consecutive Trading Days ending on the date immediately preceding the date on which the Holder elects to exercise this Warrant by means of a “cashless exercise,” as set forth in the applicable Notice of Exercise or (ii) the VWAP for the Trading Day immediately prior to the date on which the Holder makes such “cashless exercise” election;
- (C) = the Exercise Price of this Warrant, as adjusted hereunder, at the time of such exercise; and
- (D) = the lesser of (i) the arithmetic average of the VWAPs for the five consecutive Trading Days ending on the date immediately preceding the date on which the Holder elects to exercise this Warrant by means of a “cashless exercise,” as set forth in the applicable Notice of Exercise or (ii) the VWAP for the Trading Day immediately prior to the date on which the Holder makes such “cashless exercise” election.

If Warrant Shares are issued in such a cashless exercise, the parties acknowledge and agree that in accordance with Section 3(a)(9) of the Securities Act of 1933, as amended (together with the rules and regulations promulgated thereunder, the “Securities Act”), the Warrant Shares shall take on the characteristics of the Warrants being exercised, and the holding period of the Warrants being exercised may be tacked on to the holding period of the Warrant Shares. The Company agrees not to take any position contrary to this Section 2(c).

For avoidance of doubt, the phrase “effective Registration Statement” means (i) a registration statement covering the sale of the Warrant Shares has been declared effective by the SEC, has not been withdrawn and is not subject to a stop order issued by the SEC, and (ii) the Prospectus contained in such registration statement complies with Sections 5(b) and 10 of the Securities Act.

(d) Mechanics of Exercise.

(i) Delivery of Certificates Upon Exercise. Certificates for shares purchased hereunder shall be transmitted to the Holder by the Transfer Agent by crediting the account of the Holder’s prime broker with The Depository Trust Company through its

Deposit or Withdrawal at Custodian system (“DWAC”) if the Company is then a participant in such system and (A) there is an effective Registration Statement covering the sale of the Warrant Shares by the Holder, or (B) this Warrant is being exercised via cashless exercise and Rule 144 under the Securities Act is available or otherwise by physical delivery to the address specified by the Holder in the Notice of Exercise by the date that is two Trading Days after the later of (A) the delivery to the Company of the Notice of Exercise and (B) payment of the aggregate Exercise Price as set forth above (unless

by cashless exercise, if permitted) (such date, the “Warrant Share Delivery Date”). The Warrant Shares shall be deemed to have been issued, and the Holder or any other person so designated to be named therein shall be deemed to have become a holder of record of such shares for all purposes, as of the date the Warrant has been exercised, with payment to the Company of the Exercise Price (unless by cashless exercise, if permitted) and all taxes required to be paid by the Holder, if any, pursuant to Section 2(d)(vi) prior to the issuance of such shares, having been paid. The Company understands that a delay in the delivery of the Warrant Shares after the Warrant Share Delivery Date could result in economic loss to the Holder. As compensation to the Holder for such loss, the Company agrees to pay (as liquidated damages and not as a penalty) to the Holder for late issuance of Warrant Shares upon exercise of this Warrant the proportionate amount of \$5 per Trading Day (increasing to \$10 per Trading Day after the fifth Trading Day) after the Warrant Share Delivery Date for each \$1,000 of the value of the Warrant Shares for which this Warrant is exercised (based on the Exercise Price) which are not timely delivered. The Company shall pay any payment incurred under this Section 2(d)(i) in immediately available funds upon demand. Furthermore, in addition to any other remedies which may be available to the Holder, in the event that the Company fails for any reason to effect delivery of the Warrant Shares by the Warrant Share Delivery Date, the Holder may revoke all or part of the relevant Warrant exercise by delivery of a notice to such effect to the Company, whereupon the Company and the Holder shall each be restored to their respective positions immediately prior to the exercise of the relevant portion of this Warrant except that the liquidated damages described above shall be payable through the date notice of revocation or rescission is given to the Company or the date the Warrant Shares are delivered to the Holder, whichever date is earlier

(ii) Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall not require the Holder to surrender this Warrant as a condition of exercise. If the Holder requests a new Warrant it shall surrender this Warrant, and the Company shall deliver to the Holder a new Warrant evidencing the rights of the Holder to purchase the unpurchased Warrant Shares called for by this Warrant, which new Warrant shall in all other respects be identical to this Warrant.

(iii) Rescission Rights. If the Company fails to deliver the Warrant Shares or cause the Transfer Agent to transmit to the Holder a certificate or the certificates representing the Warrant Shares pursuant to Section 2(d)(i) by the Warrant Share Delivery Date, then the Holder will have the right, at any time prior to issuance of such Warrant Shares, to rescind such exercise.

(iv) Compensation for Buy-In on Failure to Timely Deliver Certificates Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to deliver the Warrant Shares, or cause the Transfer Agent to transmit to the Holder a certificate or the certificates representing the Warrant Shares pursuant to an exercise on or before the Warrant Share Delivery Date, and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder’s brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Warrant Shares which the Holder anticipated receiving upon such exercise (a “Buy-In”), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder’s total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Warrant Shares that the Company was required

to deliver to the Holder in connection with the exercise at issue by (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder, either reinstate the portion of the Warrant and equivalent number of Warrant Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of shares of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon written request

of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver certificates representing shares of Common Stock upon exercise of the Warrant as required pursuant to the terms hereof.

(v) No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Warrant. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.

(vi) Charges, Taxes and Expenses. Issuance of certificates for Warrant Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such certificate including any charges (limited to \$100 per issuance) of any clearing firm, all of which taxes and expenses shall be paid by the Company, and such certificates shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that in the event certificates for Warrant Shares are to be issued in a name other than the name of the Holder, this Warrant when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all Transfer Agent fees required for same-day processing of any Notice of Exercise.

(e) Holder's Exercise Limitations. The Company shall not effect the exercise of any portion of this Warrant, and the Holder shall not have the right to exercise any portion of this Warrant, pursuant to the terms and conditions of this Warrant and any such exercise shall be null and void and treated as if never made, to the extent that after giving effect to such exercise, the Holder together with the other Attribution Parties (as defined in the Note) collectively would beneficially own in excess of 4.99% (the "Maximum Percentage") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by the Holder and the other Attribution Parties shall include the number of shares of Common Stock held by the Holder and all other Attribution Parties plus the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made,

but shall exclude shares of Common Stock which would be issuable upon (A) exercise of the remaining, unexercised portion of this Warrant beneficially owned by the Holder or any of the other Attribution Parties and (B) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company (including, without limitation, any convertible notes or convertible preferred stock or warrants, including other Warrants issued under the Purchase Agreement) beneficially owned by the Holder or any other Attribution Party subject to a limitation on conversion or exercise analogous to the limitation contained in this Section 1(f)(i). For purposes of this Section 1(f)(i), beneficial ownership shall be calculated in accordance with Section 13(d) of the Securities and Exchange Act of 1934, as amended (together with the rules and regulations promulgated thereunder, the "Exchange Act"). For purposes of determining the number of outstanding shares of Common Stock the Holder may acquire upon the exercise of this Warrant without exceeding the Maximum Percentage, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (x) the Company's most recent Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other public filing with the SEC, as the case may be, (y) a more recent public announcement by the Company or (z) any other written notice by the Company or the Transfer Agent, if any, setting forth the number of shares of Common Stock outstanding (the "Reported Outstanding Share Number"). If the Company receives an Exercise Notice from the Holder at a time when the actual number of outstanding shares of Common Stock is less than the Reported Outstanding Share Number, the Company shall (i) notify the Holder in writing of the number of shares of Common Stock then outstanding and, to the extent that such Exercise Notice would otherwise cause the Holder's beneficial ownership, as determined pursuant to this Section 1(f)(i), to exceed the Maximum Percentage, the Holder must notify the Company of a reduced number of Warrant Shares to be acquired pursuant to such Exercise Notice (the number of shares by which such purchase is reduced, the "Reduction Shares") and (ii) as soon as reasonably practicable, the Company shall return to the Holder any exercise price paid by the Holder for the Reduction Shares. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Trading Day confirm orally and in writing or by electronic mail to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder and any other Attribution Party since the date as of which the Reported Outstanding Share Number was reported. In the event that the issuance of shares of Common Stock to the Holder upon exercise of this Warrant results in the Holder and the other Attribution Parties being deemed to beneficially own, in the aggregate, more than the Maximum Percentage of the number of outstanding shares of Common Stock (as determined under Section 13(d) of the Exchange Act), the number of shares so issued by which the Holder's and the other Attribution Parties' aggregate beneficial ownership exceeds the

Maximum Percentage (the “Excess Shares”) shall be deemed null and void and shall be cancelled ab initio, and the Holder shall not have the power to vote or to transfer the Excess Shares. As soon as reasonably practicable after the issuance of the Excess Shares has been deemed null and void, the Company shall return to the Holder the exercise price paid by the Holder for the Excess Shares. Furthermore, the Company shall indemnify the Holder in accordance with the Purchase Agreement if Holder suffers any damages or claims as a result of the Excess Shares being issued. Upon delivery of a written notice to the Company, the Holder may from time to time increase (with such increase not effective until the sixty-first (61st) day after delivery of such notice) or decrease the Maximum Percentage to any other percentage not in excess of 9.99% as specified in such notice; provided that (i) any such

increase in the Maximum Percentage will not be effective until the sixty-first (61st) day after such notice is delivered to the Company and (ii) any such increase or decrease will apply only to the Holder and the other Attribution Parties and not to any other holder of SPA Warrants that is not an Attribution Party of the Holder. For purposes of clarity, the shares of Common Stock issuable pursuant to the terms of this Warrant in excess of the Maximum Percentage shall not be deemed to be beneficially owned by the Holder for any purpose including for purposes of Section 13(d) or Rule 16a-1(a)(1) of the Exchange Act. No prior inability to exercise this Warrant pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of exercisability. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to the extent necessary to correct this paragraph or any portion of this paragraph which may be defective or inconsistent with the intended beneficial ownership limitation contained in this Section 2(e) or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitation contained in this paragraph may not be waived and shall apply to a successor holder of this Warrant.

Section 3. Certain Adjustments.

(a) Stock Dividends and Splits. If the Company, at any time while this Warrant is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of its Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Company upon exercise of this Warrant or pursuant to any of the other Transaction Documents), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split) outstanding shares of Common Stock into a smaller number of shares, or (iv) issues by reclassification of shares of the Common Stock any shares of capital stock of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Warrant shall be proportionately adjusted such that the aggregate Exercise Price of this Warrant shall remain unchanged. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or reclassification.

(b) [INTENTIONALLY OMITTED]

(c) [INTENTIONALLY OMITTED]

(d) [INTENTIONALLY OMITTED]

(e) Pro Rata Distributions. If the Company, at any time while this Warrant is outstanding, shall distribute to all holders of Common Stock (and not to the Holder) evidences of its indebtedness or assets (including cash and cash dividends) or rights or warrants to subscribe for or purchase any security other than the Common Stock, then in each such case the Exercise Price shall be adjusted by multiplying the Exercise Price in effect immediately prior to the record date fixed for determination of stockholders entitled to receive such distribution by a fraction of which the denominator shall be the VWAP determined as of the record date mentioned above, and of which the numerator shall be such VWAP on such record date less the then per share fair market value at such record date of the portion of such assets or evidence of indebtedness so distributed applicable to one outstanding share of the Common Stock as determined by the

Board of Directors in good faith. In either case the adjustments shall be described in a statement provided to the Holder of the portion of assets or evidences of indebtedness so distributed or such subscription rights applicable to one share of Common Stock. Such adjustment shall be made whenever any such distribution is made and shall become effective immediately after the record date mentioned above.

(f) Fundamental Transaction. If, at any time while this Warrant is outstanding, the Company enters into a Fundamental Transaction (as defined in the Note), then, upon any subsequent exercise of this Warrant, the Holder shall have the right to receive, for each Warrant Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Warrant), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the "Alternate Consideration") receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Warrant is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Warrant following such Fundamental Transaction. Notwithstanding anything to the contrary, in the event of a Fundamental Transaction, the Company or any Successor Entity (as defined below) shall, at the Holder's option, exercisable at any time concurrently with, or within 30 days after, the consummation of the Fundamental Transaction (or, if later, the date of the public announcement of the applicable Fundamental Transaction), purchase this Warrant from the Holder by paying to the Holder an amount of cash equal to the Black Scholes Value (as defined below) of the remaining unexercised portion of this Warrant on the date of the consummation of such Fundamental Transaction; provided, however, that, if the Fundamental Transaction is not within the Company's control, including not approved by the Company's Board of Directors, Holder shall only be entitled to receive from the Company or any Successor Entity the same type or form of consideration (and in the same proportion), at the Black Scholes Value of the unexercised portion of this Warrant, that is being offered and paid to the holders of Common Stock of the Company in connection with the Fundamental Transaction, whether that consideration be in the form of cash, stock or any combination thereof, or whether the holders of Common Stock are given the choice to receive from among alternative forms of consideration in connection with the Fundamental

Transaction; provided, further, that if holders of Common Stock of the Company are not offered or paid any consideration in such Fundamental Transaction, such holders of Common Stock will be deemed to have received common stock of the Successor Entity (which Entity may be the Company following such Fundamental Transaction) in such Fundamental Transaction. "Black Scholes Value" means the value of this Warrant based on the Black-Scholes Option Pricing Model obtained from the "OV" function on Bloomberg, L.P. ("Bloomberg") determined as of the day of consummation of the applicable contemplated Fundamental Transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date, (B) an expected volatility equal to the greater of 100% and the 100 day volatility obtained from the HVT function on Bloomberg (determined utilizing a 365 day annualization factor) as of the Trading Day immediately following the public announcement of the applicable contemplated Fundamental Transaction, (C) the underlying price per share used in such calculation shall be the greater of (i) the sum of the price per share being offered in cash, if any, plus the value of any non-cash consideration, if any, being offered in such Fundamental Transaction and (ii) the highest VWAP during the period beginning on the Trading Day immediately prior to the public announcement of such Fundamental Transaction and ending on the Trading Day of the Holder's request pursuant to this Section 3(f) and (y) the last VWAP immediately prior to the consummation of such Fundamental Transaction, (D) a remaining option time equal to the time between the date of the public announcement of the applicable Fundamental Transaction and the Termination Date and (E) a zero cost of borrow. The payment of the Black Scholes Value will be made by wire transfer of immediately available funds (or such other consideration) within five Trading Days of the Holder's election (or, if later, on the date of consummation of the Fundamental Transaction). The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the "Successor Entity") to assume in writing all of the obligations of the Company under this Warrant in accordance with the provisions of this Section 3(f) pursuant to written agreements in form and substance reasonably satisfactory to the Holder and approved by the Holder (without unreasonable delay) prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value

of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Warrant referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant with the same effect as if such Successor Entity had been named as the Company herein.

(g) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.

(h) Notice to Holder.

(i) Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly email to the Holder a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Warrant Shares and setting forth a brief statement of the facts requiring such adjustment. The Holder may supply an email address to the Company and change such address.

(ii) Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the Common Stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Company is a party, any sale or transfer of all or substantially all of the assets of the Company, or any compulsory share exchange whereby the Common Stock is converted into other securities, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall deliver to the Holder at its last address as it shall appear upon the Warrant Register of the Company, at least 20 calendar days’ prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to email such notice or any defect therein or in the emailing thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided hereunder constitutes, or contains, material, non-public information regarding the Company or any of the Subsidiaries (as determined in good faith by the Company), the Company shall simultaneously file such notice with the United States Securities and Exchange Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to exercise this Warrant during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Warrant.

(a) Transferability. Subject to compliance with any applicable securities laws and the provisions of the Agreement, this Warrant and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Warrant at the principal office of the Company or its designated agent, together with a written assignment of this Warrant substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Warrant or Warrants in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in

such instrument of assignment, and shall issue to the assignor a new Warrant evidencing the portion of this Warrant not so assigned, and this Warrant shall promptly be cancelled. The Warrant, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Warrant Shares without having a new Warrant issued.

(b) New Warrants. This Warrant may be divided or combined with other Warrants upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Warrants are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Warrant or Warrants in exchange for the Warrant or Warrants to be divided or combined in accordance with such notice. All Warrants issued on transfers or exchanges shall be dated the initial issuance date of this Warrant and shall be identical with this Warrant except as to the number of Warrant Shares issuable pursuant thereto.

(c) Warrant Register. The Company shall register this Warrant, upon records to be maintained by the Company for that purpose (the "Warrant Register"), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.

Section 5. Miscellaneous.

(a) No Rights as Stockholder Until Exercise. This Warrant does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof other than as explicitly set forth in Section 3.

(b) Loss, Theft, Destruction or Mutilation of Warrant. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Warrant or any stock certificate relating to the Warrant Shares, and upon surrender and cancellation of such Warrant or stock certificate, if mutilated, the Company will make and deliver a new Warrant or stock certificate of like tenor and dated as of such cancellation, in lieu of such Warrant or stock certificate. In no event shall the Holder be required to post a bond or other security.

(c) Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Trading Day, then, such action may be taken or such right may be exercised on the next succeeding Trading Day.

(d) Authorized Shares.

The Company covenants that during the period this Warrant is outstanding, it will comply with Section 4.11(a) of the Purchase Agreement with respect to reserving the Warrant Shares, subject to adjustment pursuant to Section 3. The Company further covenants that its issuance of this Warrant shall constitute full authority to its officers who are charged with the duty of executing stock certificates to execute and issue the necessary certificates for the Warrant Shares upon the exercise of the purchase rights under this Warrant. The Company will take all such reasonable action as may be necessary to assure that such Warrant Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of any Trading Market upon which the Common Stock may be listed. The Company covenants that all Warrant Shares which may be issued upon the exercise of the purchase rights represented by this Warrant will, upon exercise of the purchase rights represented by this Warrant and payment for such Warrant Shares in accordance herewith, be duly authorized, validly issued, fully paid and non-assessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

In addition to any other remedies provided by this Warrant or the Agreement, if the Company at any time fails to meet this reservation of Common Stock requirement within 45 days after written notice from the Holder, it shall pay the Holder as partial liquidated damages and not as a penalty a sum equal to \$250 per day for each \$100,000 of such Holder's Subscription Amount (or the Subscription Amount of the original Purchaser). The Company shall not enter into any agreement or file any amendment to its Certificate of Incorporation (including the filing of a Certificate of Designation) which conflicts with this Section 5(d) while the Notes (as defined in the Purchase Agreement) and Warrants remain outstanding; provided, that nothing shall prohibit or otherwise restrict the Company from amending its Certificate of Incorporation in connection with the Corporate Reorganization.

Except and to the extent waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its Certificate of Incorporation (or charter) or through any reorganization, transfer of assets, consolidation, merger,

dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Warrant against impairment. Without limiting the generality of the foregoing, the Company will (i) not increase the par value of any Warrant Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Warrant Shares upon the exercise of this Warrant and (iii) use best efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Warrant.

(e) Choice of Law; Jurisdiction. All questions concerning the construction, validity, enforcement and interpretation of this Warrant shall be determined in accordance with the provisions of the Agreement.

(f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant and the exclusive jurisdiction for resolutions of any disputes arising from or relating to the issuance of or interpretation of this Warrant, if not registered or if not exercised on a cashless basis when Rule 144 is available, will have restrictions upon resale imposed by state and federal securities laws.

(g) Non-waiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder shall operate as a waiver of such right or otherwise prejudice the Holder's rights, powers or remedies. Without limiting any other provision of this Warrant or the other Transaction Documents, if the Company willfully and knowingly fails to comply with any provision of this Warrant, which results in any material damages to the Holder, the Company shall pay to the Holder such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys' fees, including those of appellate proceedings, incurred by the Holder in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

(h) Notices. Any notice, request or other document required or permitted to be given or delivered to the Holder by the Company shall be delivered in accordance with the notice provisions of the Agreement.

(i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Warrant to purchase Warrant Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.

(j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Warrant. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Warrant and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate or that there is no irreparable harm and not to require the posting of a bond or other security.

(k) Successors and Assigns. Subject to applicable securities laws, this Warrant and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Warrant are intended to be for the benefit of any Holder from time to time of this Warrant and shall be enforceable by any Holder from time to time of this Warrant or any Warrant Shares.

(l) Amendment. This Warrant may be modified or amended or the provisions hereof waived with the written consent of the Company and the Holder.

(m) Severability. Wherever possible, each provision of this Warrant shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Warrant shall be prohibited by or invalid under applicable law, such provision

shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Warrant.

(n) Headings. The headings used in this Warrant are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Warrant.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Warrant to be executed by its officer thereunto duly authorized as of the date first above indicated.

ATLIS MOTOR VEHICLES, INC.

By: _____
Name:
Title:

NOTICE OF EXERCISE

TO: ATLIS MOTOR VEHICLES, INC.

(1) The undersigned hereby elects to purchase _____ Warrant Shares of the Company pursuant to the terms of the attached Warrant (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.

(2) Payment shall take the form of (check applicable box):

in lawful money of the United States; or

if permitted the cancellation of such number of Warrant Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Warrant with respect to the maximum number of Warrant Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).

(3) Please issue a certificate or certificates representing said Warrant Shares in the name of the undersigned or in such other name as is specified below:

(4) After giving effect to this Notice of Exercise, the undersigned will not have exceeded the Beneficial Ownership Limitation.

The Warrant Shares shall be delivered to the following DWAC Account Number or by physical delivery of a certificate to:

SIGNATURE OF HOLDER

Name of Investing Entity: _____
Signature of Authorized Signatory of Investing Entity: _____
Name of Authorized Signatory: _____
Title of Authorized Signatory: _____
Date: _____

ASSIGNMENT FORM

(To assign the foregoing warrant, execute
this form and supply required information.
Do not use this form to exercise the warrant.)

ATLIS MOTOR VEHICLES, INC.

FOR VALUE RECEIVED, ____ all of or _____ shares of the foregoing Warrant and all rights evidenced thereby are
hereby assigned to

_____ whose address is

Dated: _____, _____

Holder's Signature: _____

Holder's Address: _____

Signature Guaranteed: _____

NOTE: The signature to this Assignment Form must correspond with the name as it appears on the face of the Warrant, without alteration or enlargement or any change whatsoever, and must be guaranteed by a bank or trust company. Officers of corporations and those acting in a fiduciary or other representative capacity should file proper evidence of authority to assign the foregoing Warrant.

FORM OF SECURITIES PURCHASE AGREEMENT

This Securities Purchase Agreement (this “Agreement”) is dated as of _____, 2022, between Atlis Motor Vehicles, Inc., a Delaware corporation (the “Company”), and each purchaser identified on the signature pages hereto (each, including its successors and assigns, a “Purchaser” and collectively, the “Purchasers”).

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to Section 4(a)(2) of the Securities Act (as defined below), and Rule 506(b) promulgated thereunder, the Company desires to issue and sell to each Purchaser, and each Purchaser, severally and not jointly, desires to purchase from the Company, securities of the Company as more fully described in this Agreement.

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

ARTICLE I. DEFINITIONS

1.1 Definitions. In addition to the terms defined elsewhere in this Agreement: (a) capitalized terms that are not otherwise defined herein have the meanings given to such terms in the Notes (as defined herein), and (b) the following terms have the meanings set forth in this Section 1.1:

“Acquiring Person” shall have the meaning ascribed to such term in Section 4.7.

“Action” shall have the meaning ascribed to such term in Section 3.1(j).

“Affiliate” means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person, as such terms are used in and construed under Rule 405 under the Securities Act.

“Alternative Conversion Price” shall have the meaning defined in the Notes.

“Board of Directors” means the board of directors of the Company.

“Business Day” means any day other than Saturday, Sunday or other day on which commercial banks in the City of New York, NY are authorized or required by law to remain closed; provided, however, for clarification, commercial banks shall not be deemed to be authorized or required by law to remain closed due to “stay at home”, “shelter-in-place”, “non-essential employee” or any other similar orders or restrictions or the closure of any physical branch locations at the direction of any governmental authority so long as the electronic funds transfer systems (including for wire transfers) of commercial banks in the City of New York, NY are generally are open for use by customers on such day.

“Closing” means the Closing of the First Tranche, the Second Tranche and the Third Tranche, as applicable.

“Closing Date” means each of the First Tranche Closing Date, the Second Tranche Closing Date and the Third Tranche Closing Date.

“Collateral Agent” shall have the meaning ascribed to such term in Section 4.20(a).

“Commission” means the United States Securities and Exchange Commission.

“Common Stock” means the Class A common stock of the Company, par value \$0.0001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

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

“Company Counsel” means Winston & Strawn, with offices located at 800 Capitol Street, Suite 2400, Houston, Texas 77002.

“Conversion Price” shall have the meaning ascribed to such term in the Notes.

“Conversion Shares” shall have the meaning ascribed to such term in the Notes.

“Corporate Reorganization” means any reorganization of the Company and its Subsidiaries that results in the Company becoming a wholly owned Subsidiary of a newly formed holding company, whether directly or indirectly through one or more intermediate holding companies; provided that (x) such reorganization does not result in any change to the board of directors of the Company, (y) the percentage of the aggregate voting power of the Company held by the holders of publicly traded common equity of the Company immediately prior to such reorganization shall be the same percentage of the aggregate voting power of the applicable successor entity with publicly traded common equity (the “New PubCo”) immediately following such reorganization and (z) the Company’s ownership percentage of its operating business immediately prior to such reorganization shall be the same ownership percentage (directly or indirectly, as applicable) held by New Pubco in such operating business immediately following such reorganization.

“Disclosure Schedules” shall have the meaning ascribed to such term in Section 3.1.

“Disclosure Time” means, (i) if this Agreement is signed on a day that is not a Trading Day or after 9:00 a.m. (New York City time) and before midnight (New York, N.Y. time) on any Trading Day, 9:01 a.m. (New York City time) on the Trading Day immediately following the date hereof, and (ii) if this Agreement is signed between midnight (New York, N.Y. time) and 9:00 a.m. (New York, N.Y. time) on any Trading Day, no later than 9:01 a.m. (New York, N.Y. time) on the date hereof.

“Equity Conditions” means, as of any given date of determination, all of the following have been met:

- (i) on fifteen (15) Trading Days during the Equity Conditions Measurement Period (which shall include the last five (5) Trading Days), the daily dollar trading volume of the Common Stock as reported by Bloomberg L.P. shall be at least \$350,000 per Trading Day,
- (ii) on each Trading Day during the Equity Conditions Measurement Period the Company has complied with all of the conversion and other provisions of the Notes and related Transaction Documents,
- (iii) on each Trading Day during the Equity Conditions Measurement Period the Company shall be current in filing required reports with the Commission and there is no pending extension under Rule 12b-25 of the Exchange Act,
- (iv) on each Trading Day during Equity Conditions Measurement Period the Notes shall not otherwise be in default or an Event of Default shall not have occurred or be continuing,
 - on each Trading Day during Equity Conditions Measurement Period the Common Stock has not been subject to a trading suspension by the Commission or the Principal Market or been delisted by the Principal Market nor shall delisting or suspension by the Principal Market have been threatened (with a reasonable prospect of delisting occurring after giving effect to all applicable notice, appeal, compliance and hearing periods) or reasonably likely to occur or pending as evidenced by a writing by the Principal Market,
- (vi) the Company’s Common Stock must be DWAC Eligible,
 - on each Trading Day during Equity Conditions Measurement Period the Common Stock shall have not been subject to a “chill” or similar event imposed by The Depository Trust Co. other than any temporary “chill” not to exceed 5 Trading Days imposed by the Depository Trust Company in connection with the closing of the Corporate Reorganization; it being understood and agreed that the Depository Trust Company will impose a permanent “chill” on the Company’s CUSIP in connection with the Corporate Reorganization, which shall not constitute a failure to meet this Equity

Condition, provided that the trading of the Company's securities is not materially impacted in connection therewith. For the avoidance of doubt, if the settlement of any open market trading, whether on the Principal Market or otherwise, is delayed as a result of the temporary or permanent "chill", trading shall be deemed to be materially impacted,

- (viii) on each Trading Day during Equity Conditions Measurement Period the Company has met each delivery deadline in connection with prior conversions of the Notes and exercises of the Warrants,
- (ix) on each Trading Day during Equity Conditions Measurement Period the Company has complied with all Transaction Documents in all respects,

3

- (x) the Company shall not have engaged in the sale of any securities under Section 3(a)(10) of the Securities Act, no Purchaser shall be in possession of any material, non-public information provided to any of them by the Company, any of its Subsidiaries or any of their respective affiliates, employees, officers, representatives, agents or the like
- (xi) (except, with respect to a closing hereunder, such material, non-public information that will be disclosed to the public no later than 9:00 AM on the Trading Day immediately following the date of such closing), for the Second Tranche Closing, the Resale Registration Statement covering the First Tranche and Second Tranche Underlying Shares, has been filed and declared effective and the prospectus contained in such Resale Registration Statement complies with Sections 5(b) and 10 of the Securities Act (and the Company shall have no knowledge of any fact that would reasonably be expected to cause such Resale Registration Statement to not be effective or the prospectus thereunder to not be available),
- (xiii) any shares of Common Stock underlying the Securities to be issued in connection with the event requiring determination may be issued in full without violating the rules or regulations of the Principal Market,
- (xiv) the Company has available shares of Common Stock as necessary to issue all Underlying Shares,
- (xv) no bona fide material dispute shall exist, by and between any of holder of Notes or Warrants, the Company, the Principal Market and/or FINRA with respect to any term or provision of any Note or any other Transaction Document,
- (xvi) the Company shall be in compliance with all SEC regulations and all listing requirements of the Principal Market, and
- (xvii) the minimum share price of the Company's Common Stock as reported by Bloomberg L.P. shall be at least \$5.15 on fifteen (15) Trading Days during the Equity Conditions Measurement Period (which shall include the last five (5) Trading Days).

"Equity Conditions Measurement Period" means the 20 Trading Day period immediately preceding any applicable date of determination.

"Evaluation Date" shall have the meaning ascribed to such term in Section 3.1(s).

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

4

"Exempt Issuance" means the issuance of (a) shares of Common Stock or options not to exceed 10% of the shares of Common Stock outstanding at any given time to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose for services rendered to the Company, (b) securities upon the exercise or exchange of or conversion of (i) any Securities issued hereunder, (ii) any warrants issued to the Placement Agent in connection with the transactions pursuant

to this Agreement, and/or (iii) other securities exercisable or exchangeable for or convertible into shares of Common Stock issued and outstanding on the date of this Agreement (without regard to any vesting requirements), provided that such securities have not been amended since the date of this Agreement (other than any amendments to such securities in connection with the Corporate Reorganization) to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities (other than in connection with stock splits or combinations or the contemplated holding company merger) or to extend the term of such securities, (c) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that such securities are issued as “restricted securities” (as defined in Rule 144) and carry no registration rights that require or permit the filing of any registration statement in connection therewith during the prohibition period in Section 4.13(a) herein, and 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 owner of 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.

“First Tranche” means \$10,000,000 in face value of Notes issuable upon the First Tranche Closing Date.

“First Tranche Closing” means the Closing of the First Tranche.

“First Tranche Closing Date” means the Trading Day on which all of the Transaction Documents have been executed and delivered by the applicable parties thereto, and all conditions precedent to (i) the Purchaser’s obligations to pay the Subscription Amount and (ii) the Company’s obligations to deliver the Securities to be issued and sold, in each case, have been satisfied or waived.

“FCPA” means the Foreign Corrupt Practices Act of 1977, as amended.

“GAAP” shall have the meaning ascribed to such term in Section 3.1(h).

“Indebtedness” shall have the meaning ascribed to such term in Section 3.1(bb).

“Intellectual Property Rights” shall have the meaning ascribed to such term in Section 3.1(o).

“Key Executives” means all of the Company’s officers and directors as of the date hereof.

“Legend Removal Date” shall have the meaning ascribed to such term in Section 4.1(c).

“Liens” means a lien, charge, pledge, security interest, encumbrance, right of first refusal, preemptive right or other restriction.

“Material Adverse Effect” shall have the meaning assigned to such term in Section 3.1(b).

“Material Permits” shall have the meaning ascribed to such term in Section 3.1(m).

“Maximum Rate” shall have the meaning ascribed to such term in Section 5.17.

“Notes” means the Senior Secured Original Issue 10% Discount Senior Convertible Notes due, subject to the terms therein, 24 months from their date of issuance, issued by the Company to the Purchasers hereunder, in the form of Exhibit A attached hereto.

“Nason Yeager” means Nason Yeager Gerson Harris & Fumero, P.A., with offices located at 3001 PGA Boulevard, Suite 305, Palm Beach Gardens, Florida 33410.

“Net Short Position” by a person means a position whereby such person has executed one or more sales of Common Stock that is marked as a short sale (but not including any sale marked “short exempt”) and that is executed at a time when such Purchaser has no equivalent offsetting long position in the Common Stock (or is deemed to have a long position hereunder or otherwise in accordance with Regulation SHO of the Exchange Act); provided, that, for purposes of such calculations, any short sales either (x) consummated at a price greater than or equal to (A) the Conversion Price, (y) that is a result of a bona-fide trading error on behalf of such Purchaser (or its affiliates) or (z) that would otherwise be marked as a “long” sale, but for the occurrence of a breach of any term of the Notes and/or the Warrants and/or any other breach by the Company of any Transaction Document, in each case, shall be excluded from such

calculations. For purposes of determining whether a Purchaser has an equivalent offsetting “long” position in the Common Stock, (A) all Common Stock that is owned by such Purchaser shall be deemed held “long” by such Purchaser, (B) all Common Stock that would be issuable upon conversion in full of all Securities then held by such Purchaser (assuming that such Securities were then fully convertible, notwithstanding any provisions to the contrary, and giving effect to any conversion price adjustments that would take effect given only the passage of time) shall be deemed to be held long by such Purchaser, and (C) at any other time the Company is required (or has elected (or is deemed to have elected)) to issue shares of Common Stock to such Purchaser pursuant to the terms of the Notes, any shares of Common Stock issued or issuable to such Purchaser (or its designee, if applicable) in connection therewith shall be deemed held “long” by such Purchaser from and after the date that is two (2) Trading Days prior to the deadline for delivery of such shares of Common Stock to such Purchaser, as set forth in the Notes, until such time as such Purchaser shall no longer beneficially own such shares of Common Stock.

“Participation Maximum” shall have the meaning ascribed to such term in Section 4.12(a).

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Placement Agent” means Maxim Group LLC.

“Pledge Agreement” means the Pledge Agreement among the Company and the Purchasers, in the form of Exhibit B attached hereto

“Pledged Securities” means any and all certificates and other instruments representing or evidencing all of the capital stock and other equity interests of the Subsidiaries.

“Pre-Notice” shall have the meaning ascribed to such term in Section 4.12(b).

“Principal Amount” means, as to each Purchaser, the amounts set forth below such Purchaser’s signature block on the signature pages hereto next to the heading “Principal Amount,” in United States Dollars.

“Principal Market” means the Nasdaq Capital Market.

“Pro Rata Portion” shall have the meaning ascribed to such term in Section 4.12(e).

“Proceeding” means an action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“Public Information Failure” shall have the meaning ascribed to such term in Section 4.3(b).

“Public Information Failure Payments” shall have the meaning ascribed to such term in Section 4.3(b).

“Purchaser Party” shall have the meaning ascribed to such term in Section 4.10.

“Registration Rights Agreement” means the Registration Rights Agreement, dated on or about the date hereof, among the Company and the Purchasers, in the form of Exhibit C attached hereto.

“Required Approvals” shall have the meaning ascribed to such term in Section 3.1(e).

“Required Holders” means (i) prior to the First Tranche Closing Date, each of the Purchasers and (ii) on or after the First Tranche Closing Date, holders of at least 66.0% of the aggregate Principal Amount of Notes issued and shall include each Purchaser so long as each Purchaser or any of its affiliates holds any Securities issued hereunder.

“Required Minimum” means, as of any date, the 200% of the maximum aggregate number of shares of Common Stock then issued or potentially issuable in the future pursuant to the Transaction Documents, including any Underlying Shares issuable upon exercise in full of all Warrants or conversion in full of all Notes (including Underlying Shares issuable as payment of interest on the

Notes), ignoring any conversion or exercise limits set forth therein (including, without limitation, the Floor Price or the Event Market Price (each as defined in the Notes)), and assuming that the Conversion Price is at all times on and after the date of determination equal to the Floor Price.

“Resale Registration Statement” means a registration statement meeting the requirements set forth in the Registration Rights Agreement and covering the resale of the Underlying Shares by each Purchaser as provided for in the Registration Rights Agreement.

“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 as such Rule.

“Rule 424” means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Second Tranche” means \$10,000,000 in face value of Notes issuable upon the Second Tranche Closing.

“Second Tranche Closing” means the Closing of the Second Tranche.

“Second Tranche Closing Date” means the Trading Day upon (i) which the applicable portion of the Subscription Amount is transmitted to the Company from a bank in the United States and (ii) the Company’s obligations to deliver the corresponding Securities to be issued and sold, in each case, have been satisfied or waived, but in no event later than the second Trading Day following the date hereof.

“SEC Reports” shall have the meaning ascribed to such term in Section 3.1(h).

“Securities” means the Notes, the Warrants, the Conversion Shares, the Warrant Shares and the Underlying Shares.

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Security Agreement” means the Security Agreement, dated the date hereof, among the Company and the Purchasers, in the form of Exhibit D attached hereto

“Security Documents” shall mean the Security Agreement, the Subsidiary Guarantees, the original Pledged Securities, along with medallion guaranteed executed blank stock powers to the Pledged Securities, and any other documents and filing required thereunder in order to grant the Purchasers a first priority security interest in the assets of the Company and the Subsidiaries as provided in the Security Agreement, including all UCC-1 filing receipts.

“Subscription Amount” means, as to each Purchaser, the aggregate amount to be paid for Notes and Warrants purchased hereunder as specified below such Purchaser’s name on the signature page of this Agreement and next to the heading “Subscription Amount,” in United States dollars and in immediately available funds, which Subscription Amount shall be 90% of the Principal Amount.

“Subsequent Financing” shall have the meaning ascribed to such term in Section 4.12(a).

“Subsequent Financing Notice” shall have the meaning ascribed to such term in Section 4.12(b).

“Subsidiary” means any subsidiary of the Company as set forth on Schedule 3.1(a) and shall, where applicable, also include any direct or indirect subsidiary of the Company formed or acquired after the date hereof.

“Subsidiary Guarantee” means the Subsidiary Guarantee by each Subsidiary in favor of the Purchasers, in the form of Exhibit E attached hereto.

“Third Tranche” means up to \$10,000,000 in face value of Notes issuable upon the Third Tranche Closing.

“Third Tranche Closing” means the Closing of the Third Tranche.

“Third Tranche Closing Date” means the Trading Day upon which (i) the applicable portion of the Subscription Amount is transmitted to the Company from a bank in the United States and (ii) Company’s obligations to deliver the corresponding Securities to be issued and sold, in each case, have been satisfied or waived, but in no event later than the second Trading Day following the date hereof.

“Third Tranche Equity Closing Requirement” means the equity requirements associated with disbursement of the Third Tranche. The Third Tranche Closing shall only occur if the total outstanding Principal Amount of the then outstanding Notes and the Third Tranche Notes shall not be greater than 20% of the market capitalization of the Company’s Common Stock on the Third Tranche Closing Date and during the preceding Equity Conditions Measurement Period ending 30 Trading Days following Resale Registration Statement effectiveness and assuming all Underlying Shares have been registered for resale in the Resale Registration Statement.

“Trading Day” means a day on which the principal Trading Market is open for trading.

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market or the New York Stock Exchange (or any successors to any of the foregoing).

“Transaction Documents” means this Agreement, the Notes, the Warrants, the Registration Rights Agreement, the Security Agreement, the Pledge Agreement, the Subsidiary Guarantee, the Voting Agreement, all exhibits and schedules thereto and hereto and any other documents or agreements executed in connection with the transactions contemplated hereunder.

“Transfer Agent” means American Stock Transfer, the current transfer agent of the Company, and any successor transfer agent of the Company.

“Underlying Shares” means the Warrant Shares, the Conversion Shares and shares of Common Stock issued and issuable pursuant to the terms of the Note, including without limitation, shares of Common Stock issued and issuable in lieu of the cash payment of interest on the Notes in accordance with the terms of the Notes, in each case without respect to any limitation or restriction on the conversion of the Notes or the exercise of the Warrants.

“Variable Rate Transaction” shall have the meaning ascribed to such term in Section 4.13(b).

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York, N.Y. time) to 4:02 p.m. (New York, N.Y. time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“Warrants” means, collectively, the Common Stock purchase warrants delivered to the Purchasers at each Closing in accordance with Section 2.2(a) hereof, which Warrants shall be exercisable upon Shareholder Approval and have a term of exercise equal to five years, in the form of Exhibit F attached hereto.

“Warrant Shares” means the shares of Common Stock issuable upon exercise of the Warrants.

**ARTICLE II.
PURCHASE AND SALE**

2.1 Closing.

(a) First Tranche Closing. On the First Tranche Closing Date, upon the terms and subject to the conditions set forth herein, substantially concurrent with the execution and delivery of this Agreement by the parties hereto, the Company agrees to sell, and the Purchasers, severally and not jointly, agree to purchase, an aggregate of \$10,000,000 of Principal Amount of Notes and Warrants. Each Purchaser shall deliver to the Company, via wire transfer, immediately available funds equal to such Purchaser's Subscription Amount as to the First Tranche Closing as set forth on the signature page hereto executed by such Purchaser, and the Company shall deliver to each Purchaser its respective Note and a Warrant, as determined pursuant to Section 2.2(a), and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the First Tranche Closing. Within two days of the satisfaction of the covenants and conditions set forth in Sections 2.2 and 2.3 and subject to the Equity Conditions, the First Closing shall occur at the offices of Nason, Yeager, Gerson, Harris & Fumero, P.A. or such other location as the parties shall mutually agree.

10

(b) Second Tranche Closing. On the third Trading Day following the effectiveness of the Resale Registration Statement, subject to the satisfaction of the terms and conditions set forth herein, the Company agrees to sell, and the Purchasers, severally and not jointly, agree to purchase, an aggregate of \$10,000,000 of Principal Amount of Notes and Warrants. Each Purchaser shall deliver to the Company, via wire transfer, immediately available funds equal to such Purchaser's Subscription Amount as to the Second Tranche Closing as set forth on the signature page hereto executed by such Purchaser, and the Company shall deliver to each Purchaser its respective Note and a Warrant, as determined pursuant to Section 2.2(a), and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Second Tranche Closing. Upon satisfaction of the covenants and conditions set forth in Sections 2.2 and 2.3, but only to the extent the Company shall also previously complied with all Transaction Documents prior to and as of the Second Tranche Closing Date prior and as of such Second Tranche Closing Date, the Second Tranche Closing shall occur at the offices of NYG or such other location as the parties shall mutually agree. The obligation of the Purchasers to fund the Second Tranche shall be subject to all Registrable Securities, as defined by the Registration Rights Agreement, underlying the Notes and Warrants sold to each Purchaser at the First Tranche Closing and the Second Tranche Closing being included for public sale in the Prospectus that is part of the initial Resale Registration Statement. Notwithstanding the foregoing, if the Second Tranche Closing has not occurred prior to April 30, 2024, no Second Tranche Closing shall occur hereunder.

(c) Third Tranche Closing. On the thirtieth Trading Day following the Second Tranche Closing, subject to the satisfaction of the Equity Conditions in full and the conditions to closing set forth herein and the other the terms and conditions set forth herein, the Company agrees to sell, and the Purchasers, severally and not jointly, agree to purchase, an aggregate of up to \$10,000,000 of Principal Amount of Notes and Warrants. Each Purchaser shall deliver to the Company, via wire transfer immediately available funds equal to such Purchaser's Subscription Amount as to the Third Tranche Closing as set forth on the signature page hereto executed by such Purchaser, and the Company shall deliver to each Purchaser its respective Notes and a Warrant, as determined pursuant to Section 2.2(a), and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Third Tranche Closing. Upon satisfaction of the covenants and conditions set forth in Sections 2.2 and 2.3 and, but only to the extent the Company shall also previously complied with all Transaction Documents prior and as of such Third Tranche Closing Date, the Third Tranche Closing shall occur at the offices of Nason Yeager or such other location as the parties shall mutually agree. Notwithstanding the foregoing, if the Third Tranche Closing has not occurred prior to April 30, 2024 no Third Tranche Closing shall occur hereunder.

2.2 Deliveries.

- (a) On or prior to the applicable Closing Date, the Company shall deliver or cause to be delivered to each Purchaser the following:
- (i) as to the First Tranche Closing, this Agreement duly executed by the Company;

11

(ii) as to the First Tranche Closing, an irrevocable stockholder written consent, duly executed by the holders of a majority of the total outstanding voting power of the Company approving the issuance of the Underlying Shares (the “Required Consent”), which Required Consent shall constitute the approval required by the applicable rules and regulations of the Principal Market;

(iii) as to each Closing, a legal opinion of Company Counsel dated as of the applicable Closing Date, in a form acceptable to each Purchaser;

(iv) as to each Closing, a Note registered in the name of such Purchaser with the Principal Amount reflected on to such Purchaser’s signature page;

(v) as to each Closing, a Warrant registered in the name of such Purchaser to purchase up to a number of shares of Common Stock equal to 30% of such Purchaser’s Principal Amount divided by the VWAP of the Common Stock on the date prior to such Closing, with an initial exercise price equal to the Fixed Conversion Price of \$15.00, subject to adjustment therein. The exercise price may reset at 120% of the Closing VWAP on the 6-month anniversary following its Closing Date;

(vi) as to each Closing, the Company shall have provided each Purchaser with the Company’s wire instructions, on Company letterhead and executed by the Chief Executive Officer or Chief Financial Officer;

(vii) as to each Closing, the Security Agreement, duly executed by the Company and each Subsidiary, including the Subsidiary Guarantee, duly executed by the parties thereto, in each case in favor of the Collateral Agent as agent for the Secured Parties referenced therein;

(viii) as to the First Tranche Closing, a letter executed by the Company and the Transfer Agent reserving the Required Minimum for the benefit of all Purchasers;

(ix) as to the First Tranche Closing, the Pledge Agreement the original Pledged Securities and corresponding stock powers;

(x) as to the First Tranche Closing, the Registration Rights Agreement duly executed by the Company;

(xi) as to each Closing, an officer’s certificate certifying that the representations and warranties of the Company in the Purchase Agreement are true and correct as of the applicable Closing Date as though originally made at that time (except for representations and warranties that speak as of a specific date, which shall be true and correct as of such specific date) and the Company shall have performed, satisfied and complied in all respects with the covenants, agreements and conditions required to be performed, satisfied or complied with by the Company at or prior to the applicable Closing Date and no Event of Default has occurred;

(xii) as to the First Tranche Closing, a certificate evidencing the formation and good standing of the Company and each of its Subsidiaries in each such entity’s jurisdiction of formation issued by the Secretary of State (or comparable office) of such jurisdiction of formation as of a date within ten (10) days of the First Tranche Closing Date;

(xiii) as to the First Tranche Closing, a certificate evidencing the Company’s and each Subsidiary’s qualification as a foreign corporation and good standing issued by the Secretary of State (or comparable office) of each jurisdiction in which the Company and each Subsidiary conducts business and is required to so qualify, as of a date within ten (10) days of the applicable First Tranche Closing Date;

(xiv) as to the First Tranche Closing, a certified copy of the Certificate of Incorporation (or such equivalent organizational document) of the Company and each Subsidiary, dated within ten (10) days of the applicable First Tranche Closing Date;

(xv) as to each Closing, an officer’s certificate, in the form acceptable to each Purchaser, executed by an officer of the Company and each Subsidiary and dated as of the applicable Closing Date, as to (i) the resolutions adopted by the Company’s and each Subsidiary’s board of directors authorizing the transactions contemplated hereby in a form reasonably acceptable to such Purchaser, and (ii) the Certificate of Incorporation of the Company and the organizational documents of each Subsidiary, each as in effect at the applicable Closing;

(xvi) as to each Closing, a letter from the Transfer Agent certifying the number of Common Stock outstanding on the applicable Closing Date immediately prior to the applicable Closing;

(xvii) as to the First Tranche Closing, a copy of the application for the listing of the shares of Common Stock underlying the Notes on the Nasdaq Capital Market;

(xviii) as to the First Tranche Closing, certified copies of requests for copies of information on Form UCC-11 dated within two (2) days prior to the applicable Closing Date, listing all effective financing statements which name as debtor the Company or any of its Subsidiaries and which are filed in such office or offices as may be necessary or, in the opinion of the Collateral Agent or the Purchasers, desirable to perfect the security interests purported to be created by the Security Agreement, together with copies of such financing statements, none of which, except as otherwise agreed in writing by the Collateral Agent, shall cover any of the Collateral (as defined in the Security Agreement), and the results of searches for any tax Lien and judgment Lien filed against such Person or its property, which results, except as otherwise agreed to in writing by the Collateral Agent and the Purchasers, shall not show any such Liens; and

(xix) such other documents, instruments or certificates relating to the transactions contemplated by this Agreement as each Purchaser or its counsel may reasonably request.

(b) On or prior to the applicable Closing Date, each Purchaser shall deliver or cause to be delivered to the Company, the following:

(i) as to the First Tranche Closing, this Agreement duly executed by such Purchaser;

(ii) as to each Closing, such Purchaser's Subscription Amount by wire transfer to the account specified in writing by the Company;

(iii) as to the First Tranche Closing, the Security Agreement duly executed by such Purchaser; and

(iv) as to the First Tranche Closing, the Registration Rights Agreement duly executed by such Purchaser.

2.3 Closing Conditions.

(a) The obligations of the Company hereunder in connection with each Closing are subject to the following conditions being met:

(i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) on each Closing Date of the representations and warranties of the Purchasers contained herein (unless as of a specific date therein in which case they shall be accurate as of such date);

(ii) all obligations, covenants and agreements of each Purchaser is required to be performed at or prior to each Closing Date shall have been performed; and

(iii) the delivery by each Purchaser of the items set forth in Section 2.2(b) of this Agreement.

(b) The respective obligations of each Purchaser hereunder in connection with each Closing are subject to the following conditions being met:

(i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) when made and on each Closing Date of the representations and warranties of the Company contained herein (unless as of a specific date therein in which case they shall be accurate as of such date);

(ii) all obligations, covenants and agreements of the Company required to be performed at or prior to each Closing Date shall have been performed;

(iii) the delivery by the Company of the items set forth in Section 2.2(a) of this Agreement;

(iv) there shall have been no Material Adverse Effect with respect to the Company since the date hereof;

(v) from the date hereof to each Closing Date, as applicable, trading in the Common Stock shall not have been suspended by the Commission or the Company's principal Trading Market and, at any time prior to the applicable Closing Date, trading in securities generally as reported by Bloomberg L.P. shall not have been suspended or limited, or minimum prices shall not have been established on securities whose trades are reported by such service, or on any Trading Market, nor shall a banking moratorium have been declared either by the United States or New York State authorities nor shall there have occurred any material outbreak or escalation of hostilities or other national or international calamity of such magnitude in its effect on, or any material adverse change in, any financial market which, in each case, in the reasonable judgment of such Purchaser, makes it impracticable or inadvisable to purchase the Securities at each applicable Closing.

14

(vi) the Company shall have filed with the Nasdaq Capital Market an application for the listing of the shares of Common Stock underlying the Notes on the Nasdaq Capital Market, a copy of which shall have been provided to the Purchasers, and the Nasdaq Capital Market shall have raised no objection with respect thereto; and

(vii) no statute, rule, regulation, executive order, decree, ruling or injunction shall have been enacted, entered, promulgated or endorsed by any court or governmental entity of competent jurisdiction that prohibits the consummation of any of the transactions contemplated hereby.

2.4 Conditions Subsequent to First Tranche Closing. As an accommodation to the Company, the Collateral Agent and the Purchasers have agreed to execute this Agreement and to consummate the transactions contemplated herein on the First Tranche Closing Date notwithstanding the failure by the Company to satisfy the conditions set forth in Section 2.4(a) and (b) on or before the First Tranche Closing Date. In consideration of such accommodation, the Company agrees that, in addition to all other terms, conditions and provisions set forth in this Agreement and the other Transaction Documents, the Company shall satisfy each of the conditions subsequent set forth below on or before the date applicable thereto (it being understood that the failure by the Company to perform or cause to be performed any such condition subsequent on or before the date applicable thereto shall constitute an Event of Default (as defined under the Notes):

(a) Pursuant to the Security Agreement, within 30 days after the First Tranche Closing Date (or such later date as may be permitted by the Collateral Agent in its sole discretion), the Collateral Agent shall have received a control agreement in form and substance reasonably satisfactory to it with respect to the deposit account maintained at _____, account number _____.

(b) Pursuant to Section 6(e) of the Security Agreement, within 30 days after the First Closing Date (or such later date as may be permitted by the Collateral Agent in its sole discretion), the Collateral Agent shall have received insurance certificates and endorsements in form and substance reasonably satisfactory to it.

ARTICLE III. REPRESENTATIONS AND WARRANTIES

3.1 Representations and Warranties of the Company. Except as set forth in the Disclosure Schedules, which Disclosure Schedules shall be deemed a part hereof and shall qualify any representation or otherwise made herein to the extent of the disclosure contained in the corresponding section of the Disclosure Schedules, the Company hereby makes the following representations and warranties to each Purchaser which representations shall be true and correct on each respective Closing Date:

15

(a) Subsidiaries. All of the direct and indirect subsidiaries of the Company are set forth on Schedule 3.1(a). The Company owns, directly or indirectly, all of the capital stock or other equity interests of each except as indicated in the Disclosure Schedules, Subsidiary free and clear of any Liens, except for Liens created hereunder, and all of the issued and outstanding shares of capital stock of each Subsidiary are validly issued and are fully paid, non-assessable and free of preemptive and similar rights to subscribe for or purchase

securities. If the Company has no subsidiaries, all other references to the Subsidiaries or any of them in the Transaction Documents shall be disregarded.

(b) Organization and Qualification. The Company and each of the Subsidiaries is an entity incorporated, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. Neither the Company nor any Subsidiary is in violation nor default of any of the provisions of its respective certificate or articles of incorporation, bylaws or other organizational or charter documents. Each of the Company and the Subsidiaries is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, could not have or reasonably be expected to result in: (i) a material adverse effect on the legality, validity or enforceability of any Transaction Document, (ii) a material adverse effect on the results of operations, assets, business, prospects or condition (financial or otherwise) of the Company and the Subsidiaries, taken as a whole, or (iii) a material adverse effect on the Company's ability to perform in any material respect on a timely basis its obligations under any Transaction Document (any of (i), (ii) or (iii), a "Material Adverse Effect") and no Proceeding has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.

(c) Authorization; Enforcement.

(i) The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this Agreement and each of the other Transaction Documents and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of this Agreement and each of the other Transaction Documents by the Company and the consummation by it of the transactions contemplated hereby and thereby have been duly authorized by all necessary action on the part of the Company and no further action is required by the Company, the Board of Directors or the Company's shareholders in connection herewith or therewith other than in connection with the Required Approvals. This Agreement and each other Transaction Document to which it is a party has been (or upon delivery will have been) duly executed by the Company, assuming due authorization by the other parties thereto, and, when delivered in accordance with the terms hereof and thereof, will constitute the valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(ii) With respect to the Subsidiary Guarantee, each of the Subsidiaries has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by such agreement and otherwise to carry out its obligations thereunder. The execution and delivery of the Subsidiary Guarantee and the consummation by the Company of the transactions contemplated thereby have been duly authorized by all necessary action on the part of the Company, and no further action is required by the respective Subsidiary, its managers or its members in connection therewith. The Subsidiary Guarantee has been (or upon delivery will have been) duly executed by the respective Subsidiaries and, when delivered in accordance with the terms thereof, will constitute the valid and binding obligation of the respective Subsidiary enforceable against such Subsidiary in accordance with its terms, except (A) as listed by general equitable principals and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (B) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (C) insofar as indemnification and contribution provisions may be limited by applicable law.

(d) No Conflicts. The execution, delivery and performance by the Company of this Agreement and the other Transaction Documents to which it is a party, the issuance and sale of the Securities and the consummation by it of the transactions contemplated hereby and thereby do not and will not (i) conflict with or violate any provision of the Company's or any Subsidiary's certificate or articles of incorporation, bylaws or other organizational or charter documents, or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any Lien upon any of the properties or assets of the Company or any Subsidiary, or give to others any rights of termination, amendment, anti-dilution or similar adjustments, acceleration or cancellation (with or without notice, lapse of time or both) of, any agreement, credit facility, debt or other instrument (evidencing a Company or Subsidiary debt or otherwise) or other understanding to which the Company or any Subsidiary is a party or by which any property or asset of the Company or any Subsidiary is bound or affected, or (iii) subject to the Required Approvals, conflict with or result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority

to which the Company or a Subsidiary is subject (including federal and state securities laws and regulations), or by which any property or asset of the Company or a Subsidiary is bound or affected; except in the case of each of clauses (ii) and (iii), such as could not have or reasonably be expected to result in a Material Adverse Effect.

(e) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other Person in connection with the execution, delivery and performance by the Company of the Transaction Documents, other than: (i) the filings required pursuant to Section 4.6 of this Agreement, (ii) the filing with the Commission pursuant to the Registration Rights Agreement, (iii) the notice and/or application(s) to each applicable Trading Market for the issuance and sale of the Securities and the listing of the Conversion Shares and Warrant Shares for trading thereon in the time and manner required thereby, (iv) the filing of Form D with the Commission and such filings as are required to be made under applicable state securities laws and (v) Shareholder Approval (collectively, the “Required Approvals”).

17

(f) Issuance of the Securities. The Securities are duly authorized and, when issued and paid for in accordance with the applicable Transaction Documents, will be duly and validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company other than restrictions on transfer provided for in the Transaction Documents or by law. The Underlying Shares, when issued in accordance with the terms of the Transaction Documents, will be validly issued, fully paid and nonassessable, free and clear of all Liens imposed by the Company other than restrictions on transfer provided for in the Transaction Documents or by law. The Company has reserved from its duly authorized capital stock a number of shares of Common Stock for issuance of the Underlying Shares at least equal to the Required Minimum on the date hereof.

(g) Capitalization. The capitalization of the Company as of the date hereof is as set forth on Schedule 3.1(g), which Schedule 3.1(g) shall also include the number of shares of Common Stock owned beneficially, and of record, by Affiliates of the Company as of the date hereof. The Company has not issued any capital stock since its most recently filed periodic report under the Exchange Act, other than pursuant to the exercise of employee stock options under the Company’s stock option plans, the issuance of shares of Common Stock to employees pursuant to the Company’s employee stock purchase plans and pursuant to the conversion and/or exercise of Common Stock Equivalents outstanding as of the date of the most recently filed periodic report under the Exchange Act. No Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents. Except as a result of the purchase and sale of the Securities, there are no outstanding options, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire, any shares of Common Stock or the capital stock of any Subsidiary, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents or capital stock of any Subsidiary. The issuance and sale of the Securities will not obligate the Company or any Subsidiary to issue shares of Common Stock or other securities to any Person (other than the Purchasers). There are no outstanding securities or instruments of the Company or any Subsidiary with any provision that adjusts the exercise, conversion, exchange or reset price of such security or instrument upon an issuance of securities by the Company or any Subsidiary. There are no outstanding securities or instruments of the Company or any Subsidiary that contain any redemption or similar provisions, and there are no contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to redeem a security of the Company or such Subsidiary. The Company does not have any stock appreciation rights or “phantom stock” plans or agreements or any similar plan or agreement. All of the outstanding shares of capital stock of the Company are duly authorized, validly issued, fully paid and nonassessable, have been issued in compliance with all federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities. No further approval or authorization of any stockholder, the Board of Directors or others is required for the issuance and sale of the Securities. There are no shareholders agreements, voting agreements or other similar agreements with respect to the Company’s capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company’s shareholders other than as disclosed in Schedule 3.1(g).

18

(h) SEC Reports; Financial Statements. Except as set forth on Schedule 3.1(h), the Company has filed all material reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities Act and the Exchange Act, including

pursuant to Section 13(a) or 15(d) thereof, for the two years preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the “SEC Reports”) on a timely basis or has received or obtained a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension. As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Company has never been an issuer subject to Rule 144(i) under the Securities Act. The financial statements of the Company included in the SEC Reports comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with United States generally accepted accounting principles applied on a consistent basis during the periods involved (“GAAP”), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its consolidated Subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments.

(i) Material Changes; Undisclosed Events, Liabilities or Developments. Since the date of the latest audited financial statements included within the SEC Reports, except as set forth on Schedule 3.1(i), (i) there has been no event, occurrence or development that has had or that could reasonably be expected to result in a Material Adverse Effect, (ii) the Company has not incurred any liabilities (contingent or otherwise) other than (A) trade payables and accrued expenses incurred in the ordinary course of business consistent with past practice and (B) liabilities not required to be reflected in the Company’s financial statements pursuant to GAAP or disclosed in filings made with the Commission, (iii) the Company has not altered its method of accounting, except as required by GAAP, and (iv) the Company has not declared or made any dividend or distribution of cash or other property to its shareholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock. Except for the issuance of the Securities contemplated by this Agreement or as set forth on Schedule 3.1(i), no event, liability, fact, circumstance, occurrence or development has occurred or exists or is reasonably expected to occur or exist with respect to the Company or its Subsidiaries or their respective businesses, prospects, properties, operations, assets or financial condition, that would be required to be disclosed by the Company under applicable securities laws at the time this representation is made or deemed made that has not been publicly disclosed at least 1 Trading Day prior to the date that this representation is made.

(j) Litigation. Except as set forth on Schedule 3.1(j), there is no action, suit, inquiry, notice of violation, proceeding or investigation pending or, to the knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties before or by any court, arbitrator, governmental or administrative agency or regulatory authority (federal, state, county, local or foreign) (collectively, an “Action”) that could be reasonably expected to have a Material Adverse Effect. None of the Actions set forth on Schedule 3.1(j), (i) adversely affects or challenges the legality, validity or enforceability of any of the Transaction Documents or the Securities or (ii) could, if there were an unfavorable decision, have or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor any director or officer thereof, is or has been the subject of any Action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the knowledge of the Company, there is not pending or contemplated, any investigation by the Commission involving the Company or any current or former director or officer of the Company. The Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company or any Subsidiary under the Exchange Act or the Securities Act.

(k) Labor Relations. Except as set forth in Schedule 3.1(k), no labor dispute exists or, to the knowledge of the Company, is imminent with respect to any of the employees of the Company, which could reasonably be expected to result in a Material Adverse Effect. None of the Company’s or its Subsidiaries’ employees is a member of a union that relates to such employee’s relationship with the Company or such Subsidiary, and neither the Company nor any of its Subsidiaries is a party to a collective bargaining agreement, and the Company and its Subsidiaries believe that their relationships with their employees are good. To the knowledge of the Company, no executive officer of the Company or any Subsidiary, is, or is now expected to be, in violation of any material term of any employment contract, confidentiality, disclosure or proprietary information agreement or non-competition agreement, or any other contract or agreement or any restrictive covenant in favor of any third party, and the continued employment of each such executive officer does not subject the Company or any of its Subsidiaries to any liability with respect to any of the foregoing matters. The Company and its Subsidiaries are in compliance with all U.S. federal, state, local and foreign laws and regulations relating to employment and employment practices, terms and conditions of employment and wages and hours, except where the failure to be in compliance could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(l) Compliance. Neither the Company nor any Subsidiary: (i) is in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or any Subsidiary under), nor has the Company or any Subsidiary received notice of a claim that it is in default under or that it is in violation of, any indenture, loan or credit agreement or any other agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived), (ii) is in violation of any judgment, decree or order of any court, arbitrator or other governmental authority or (iii) is or has been in violation of any statute, rule, ordinance or regulation of any governmental authority, including without limitation all foreign, federal, state and local laws relating to taxes, environmental protection, occupational health and safety, product quality and safety and employment and labor matters, except in each case as could not have or reasonably be expected to result in a Material Adverse Effect.

(m) Environmental Laws. The Company and its Subsidiaries (i) are in compliance with all federal, state, local and foreign laws relating to pollution or protection of human health or the environment (including ambient air, surface water, groundwater, land surface or subsurface strata), including laws relating to emissions, discharges, releases or threatened releases of chemicals, pollutants, contaminants, or toxic or hazardous substances or wastes (collectively, "Hazardous Materials") into the environment, or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials, as well as all authorizations, codes, decrees, demands, or demand letters, injunctions, judgments, licenses, notices or notice letters, orders, permits, plans or regulations, issued, entered, promulgated or approved thereunder ("Environmental Laws"); (ii) have received all permits licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses; and (iii) are in compliance with all terms and conditions of any such permit, license or approval where in each clause (i), (ii) and (iii), the failure to so comply could be reasonably expected to have, individually or in the aggregate, a Material Adverse Effect.

20

(n) Regulatory Permits. The Company and the Subsidiaries possess all certificates, authorizations and permits issued by the appropriate federal, state, local or foreign regulatory authorities necessary to conduct their respective businesses as described in the SEC Reports, except where the failure to possess such permits could not reasonably be expected to result in a Material Adverse Effect ("Material Permits"), and neither the Company nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any Material Permit.

(o) Title to Assets. The Company and the Subsidiaries have good and marketable title in fee simple to all real property owned by them and good and marketable title in all personal property owned by them that is material to the business of the Company and the Subsidiaries, in each case free and clear of all Liens, except for (i) Liens as do not materially affect the value of such property and do not materially interfere with the use made and proposed to be made of such property by the Company and the Subsidiaries and (ii) Liens for the payment of federal, state or other taxes, for which appropriate reserves have been made therefor in accordance with GAAP and, the payment of which is neither delinquent nor subject to penalties. Any real property and facilities held under lease by the Company and the Subsidiaries are held by them under valid, subsisting and enforceable leases with which the Company and the Subsidiaries are in compliance.

(p) Intellectual Property. The Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, trademark applications, service marks, trade names, trade secrets, inventions, copyrights, licenses and other intellectual property rights and similar rights necessary or required for use in connection with their respective businesses as described in the SEC Reports and which the failure to so have could have a Material Adverse Effect (collectively, the "Intellectual Property Rights"). Except as set forth in Schedule 3.1(p), none of, and neither the Company nor any Subsidiary has received a notice (written or otherwise) that any of, the Intellectual Property Rights has expired, terminated or been abandoned, or is expected to expire or terminate or be abandoned, within two (2) years from the date of this Agreement. Neither the Company nor any Subsidiary has received, since the date of the latest audited financial statements included within the SEC Reports, any other written notice of a claim or otherwise has any knowledge that the Intellectual Property Rights violate or infringe upon the rights of any Person, except as could not have or reasonably be expected to not have a Material Adverse Effect. To the knowledge of the Company, all such Intellectual Property Rights are enforceable and there is no existing infringement by another Person of any of the Intellectual Property Rights. The Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of all of their intellectual properties, except where failure to do so could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

21

(q) Insurance. The Company and the Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as are prudent and customary in the businesses in which the Company and the Subsidiaries are engaged, including, but not limited to, directors and officers insurance coverage at least equal to the aggregate Subscription Amount. Neither the Company nor any Subsidiary has any reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business without a significant increase in cost.

(r) Transactions with Affiliates and Employees. Except as set forth on Schedule 3.1(r), none of the officers or directors of the Company or any Subsidiary and, to the knowledge of the Company, none of the employees of the Company or any Subsidiary is presently a party to any transaction with the Company or any Subsidiary (other than for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from providing for the borrowing of money from or lending of money to, or otherwise requiring payments to or from any officer, director or such employee or, to the knowledge of the Company, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee, stockholder, member or partner, in each case in excess of \$120,000 other than for (i) payment of salary or consulting fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company and (iii) other employee benefits, including stock option agreements under any stock option plan of the Company.

(s) Sarbanes-Oxley; Internal Accounting Controls. Except as disclosed in the SEC Reports and Schedule 3.1(s), the Company and the Subsidiaries are in compliance with any and all applicable requirements of the Sarbanes-Oxley Act of 2002 that are effective as of the date hereof, and any and all applicable rules and regulations promulgated by the SEC thereunder that are effective as of the date hereof and as of each Closing Date. The Company and the Subsidiaries maintain 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 and the Subsidiaries have established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and the Subsidiaries and designed such disclosure controls and procedures to ensure that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms. The Company's certifying officers have evaluated the effectiveness of the disclosure controls and procedures of the Company and the Subsidiaries as of the end of the period covered by the most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no changes in the internal control over financial reporting (as such term is defined in the Exchange Act) that have materially affected, or is reasonably likely to materially affect, the internal control over financial reporting of the Company and its Subsidiaries.

(t) Certain Fees. No brokerage or finder's fees or commissions are or will be payable by the Company or any Subsidiaries 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 other than the fee payable to the Placement Agent. The Purchasers 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 3.1(t) that may be due in connection with the transactions contemplated by the Transaction Documents.

(u) Private Placement. Assuming the accuracy of the Purchasers' representations and warranties set forth in Section 3.2, no registration under the Securities Act is required for the offer and sale of the Securities by the Company to the Purchasers as contemplated hereby. The issuance and sale of the Securities hereunder does not contravene the rules and regulations of the Trading Market.

(v) Investment Company. The Company is not, and is not an Affiliate of, and immediately after receipt of payment for the Securities, will not be or be an Affiliate of, an "investment company" within the meaning of the Investment Company Act of 1940, as amended. The Company shall conduct its business in a manner so that it will not become an "investment company" subject to registration under the Investment Company Act of 1940, as amended.

(w) Registration Rights. Other than each of the Purchasers, no Person has any right to cause the Company or any Subsidiary to effect the registration under the Securities Act of any securities of the Company or any Subsidiaries, with the exception of the Share Subscription Facility between the Company and GEM Global Yield, LLC SCS and GEM Yield Bahamas Limited dated June 25, 2021

(x) Listing and Maintenance Requirements. The Common Stock is registered pursuant to Section 12(b) or 12(g) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act nor has the Company received any notification that the Commission is contemplating terminating such registration. Except as set forth on Schedule 3.1(x), the Company has not, in the 12 months preceding the date hereof, received notice from any Trading Market on which the Common Stock is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market. The Company is and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements. The Common Stock is currently eligible for electronic transfer through the Depository Trust Company or another established clearing corporation and the Company is current in payment of the fees to the Depository Trust Company (or such other established clearing corporation) in connection with such electronic transfer.

(y) Application of Takeover Protections. The Company and the 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 certificate of incorporation (or similar charter documents) or the laws of its state of incorporation that is or could become applicable to the Purchasers as a result of the Purchasers and the Company fulfilling their obligations or exercising their rights under the Transaction Documents, including without limitation as a result of the Company's issuance of the Securities and the Purchasers' ownership of the Securities.

(z) Disclosure. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company confirms that neither it nor any other Person acting on its behalf has provided any of the Purchasers or their agents or counsel with any information that it believes constitutes or might constitute material, non-public information. The Company understands and confirms that the Purchasers will rely on the foregoing representation in effecting transactions in securities of the Company. All of the disclosure furnished by or on behalf of the Company to the Purchasers regarding the Company and its Subsidiaries, their respective businesses and the transactions contemplated hereby, including the Disclosure Schedules to this Agreement, is true and correct in all material respects 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. The press releases disseminated by the Company during the twelve months preceding the date of this Agreement taken as a whole do 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 the light of the circumstances under which they were made and when made, not misleading. The Company acknowledges and agrees that no Purchaser makes or has made any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 3.2 hereof.

(aa) No Integrated Offering. Assuming the accuracy of each Purchaser's representations and warranties set forth in Section 3.2, neither the Company, nor any of its Affiliates, nor any Person acting on its or 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 cause this offering of the Securities to be integrated with prior offerings by the Company for purposes of (i) the Securities Act which would require the registration of any such securities under the Securities Act, or (ii) any applicable shareholder approval provisions of any Trading Market on which any of the securities of the Company are listed or designated.

(bb) Solvency. Based on the consolidated financial condition of the Company as of each Closing Date, after giving effect to the receipt by the Company of the proceeds from the sale of the Securities hereunder, (i) the fair saleable value of the Company's assets exceeds the amount that will be required to be paid on or in respect of the Company's existing debts and other liabilities (including known contingent liabilities) as they mature, (ii) the Company's assets do not constitute unreasonably small capital to carry on its business as now conducted and as proposed to be conducted including its capital needs taking into account the particular capital requirements of the business conducted by the Company, consolidated and projected capital requirements and capital availability thereof, and (iii) the current cash flow of the Company, together with the proceeds the Company would receive, were it to liquidate all of its assets, after taking into account all anticipated uses of the cash, would be sufficient to pay all amounts on or in respect of its liabilities when such amounts are required to be paid. The Company does not intend to incur debts beyond its ability to pay such debts as they mature (taking into account the timing and amounts of cash to

be payable on or in respect of its debt). The Company has no knowledge of any facts or circumstances which lead it to believe that it will file for reorganization or liquidation under the bankruptcy or reorganization laws of any jurisdiction within one year from each Closing Date. Schedule 3.1(bb) sets forth as of the date hereof all outstanding secured and unsecured Indebtedness of the Company or any Subsidiary, or for which the Company or any Subsidiary has commitments. For the purposes of this Agreement, “Indebtedness” means (x) 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), (y) all guaranties, endorsements and other contingent obligations in respect of indebtedness of others, whether or not the same are or should be reflected in the Company’s consolidated 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 (z) the present value of any lease payments in excess of \$100,000 due under leases required to be capitalized in accordance with GAAP. Neither the Company nor any Subsidiary is in default with respect to any Indebtedness.

(cc) Tax Status. Except for matters that would not, individually or in the aggregate, have or reasonably be expected to result in a Material Adverse Effect, the Company and its Subsidiaries each (i) has made or filed all United States federal, state and local income and all foreign income and franchise tax returns, reports and declarations required by any jurisdiction to which it is subject, (ii) has paid all taxes and other governmental assessments and charges that are material in amount, shown or determined to be due on such returns, reports and declarations and (iii) has set aside on its books provision reasonably adequate for the payment of all material taxes for periods subsequent to the periods to which such returns, reports or declarations apply. There are no unpaid taxes in any material amount claimed to be due by the taxing authority of any jurisdiction, and the officers of the Company or of any Subsidiary know of no basis for any such claim.

(dd) No General Solicitation. Neither the Company nor any Person acting on behalf of the Company has offered or sold any of the Securities by any form of general solicitation or general advertising. The Company has offered the Securities for sale only to the Purchasers and certain other “accredited investors” within the meaning of Rule 501 under the Securities Act.

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

(ff) Accountants. The Company’s accounting firm is set forth on Schedule 3.1(ff) of the Disclosure Schedules. Such accounting firm (i) is a registered public accounting firm as required by the Exchange Act and (ii) shall express its opinion with respect to the financial statements to be included in the Company’s Annual Report for the fiscal year ending December 31, 2022.

(gg) Seniority. As of each Closing Date, no Indebtedness or other claim against the Company is senior to the Notes in right of payment, whether with respect to interest or upon liquidation or dissolution, or otherwise.

(hh) No Disagreements with Accountants and Lawyers. There are no disagreements of any kind presently existing, or reasonably anticipated by the Company to arise, between the Company and the accountants and lawyers formerly or presently employed by the Company and the Company is current with respect to any fees owed to its accountants and lawyers which could affect the Company’s ability to perform any of its obligations under any of the Transaction Documents.

(ii) Acknowledgment Regarding Purchasers’ Purchase of Securities. The Company acknowledges and agrees that each of the Purchasers is acting solely in the capacity of an arm’s length purchaser with respect to the Transaction Documents and the transactions contemplated thereby. The Company further acknowledges that no Purchaser is acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to the Transaction Documents and the transactions contemplated thereby and any advice given by any Purchaser or any of their respective representatives or agents in connection with the Transaction Documents and the transactions contemplated thereby is merely incidental to the Purchasers’ purchase of the Securities. The Company further represents to

each Purchaser that the Company's decision to enter into this Agreement and the other Transaction Documents has been based solely on the independent evaluation of the transactions contemplated hereby by the Company and its representatives.

(jj) Regulation M Compliance. The Company has not, and to its knowledge no one acting on its behalf has, (i) taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Securities, (ii) sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Securities, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company, other than, in the case of clauses (ii) and (iii), compensation paid to the Company's placement agent in connection with the placement of the Securities.

(kk) Stock Plans. Each stock option granted by the Company under the Company's stock option plan was granted (i) in accordance with the terms of the Company's stock option plan and (ii) with an exercise price at least equal to the fair market value of the Common Stock on the date such stock option would be considered granted under GAAP and applicable law. No stock option granted under the Company's stock option plan has been backdated. The Company has not knowingly granted, and there is no and has been no Company policy or practice to knowingly grant, stock options prior to, or otherwise knowingly coordinate the grant of stock options with, the release or other public announcement of material information regarding the Company or its Subsidiaries or their financial results or prospects.

(ll) Cybersecurity. (i)(x) There has been no security breach or other compromise of or relating to any of the Company's or any Subsidiary's information technology and computer systems, networks, hardware, software, data (including the data of its respective customers, employees, suppliers, vendors and any third party data maintained by or on behalf of it), equipment or technology (collectively, "IT Systems and Data") and (y) the Company and the Subsidiaries have not been notified of, and has no knowledge of any event or condition that would reasonably be expected to result in, any security breach or other compromise to its IT Systems and Data; (ii) the Company and the Subsidiaries are presently in compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Data and to the protection of such IT Systems and Data from unauthorized use, access, misappropriation or modification, except as would not, individually or in the aggregate, have a Material Adverse Effect; (iii) the Company and the Subsidiaries have implemented and maintained commercially reasonable safeguards to maintain and protect its material confidential information and the integrity, continuous operation, redundancy and security of all IT Systems and Data; and (iv) the Company and the Subsidiaries have implemented backup and disaster recovery technology consistent with industry standards and practices.

(mm) Office of Foreign Assets Control. Neither the Company nor any Subsidiary nor, to the Company's knowledge, any director, officer, agent, employee or affiliate of the Company or any Subsidiary is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department ("OFAC").

(nn) Money Laundering. The operations of the Company and its Subsidiaries are and have been conducted at all times in compliance with applicable financial record-keeping and reporting requirements of the Currency and Foreign Transactions Reporting Act of 1970, as amended, applicable money laundering statutes and applicable rules and regulations thereunder (collectively, the "Money Laundering Laws"), and no Action or Proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any Subsidiary with respect to the Money Laundering Laws is pending or, to the knowledge of the Company or any Subsidiary, threatened.

(oo) No Disqualification Events. With respect to the Securities to be offered and sold hereunder in reliance on Rule 506 under the Securities Act, none of the Company, any of its predecessors, any affiliated issuer, any director, executive officer, other officer of the Company participating in the offering hereunder, 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" and, together, "Issuer Covered Persons") 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). The Company has exercised reasonable care to determine whether any Issuer Covered Person is subject to a Disqualification Event. The Company has complied, to the extent applicable, with its disclosure obligations under Rule 506(e), and has furnished to each Purchaser a copy of any disclosures provided thereunder.

(pp) Other Covered Persons. Other than the Placement Agent, the Company is not aware of any person (other than any Issuer Covered Person) that has been or will be paid (directly or indirectly) remuneration for solicitation of purchasers in connection with the sale of any Securities.

(qq) Notice of Disqualification Events. The Company will notify each Purchaser and the Placement Agent in writing, prior to each Closing Date of (i) any Disqualification Event relating to any Issuer Covered Person and (ii) any event that would, with the passage of time, become a Disqualification Event relating to any Issuer Covered Person.

3.2 Representations and Warranties of the Purchasers. Each Purchaser, for itself and for no other Purchaser, hereby represents and warrants as of the date hereof and as of each Closing Date to the Company as follows (unless as of a specific date therein, in which case they shall be accurate as of such date):

(a) Organization; Authority. Such Purchaser is either an individual or an entity duly incorporated or formed, validly existing and in good standing under the laws of the jurisdiction of its incorporation or formation with full right, corporate, partnership, limited liability company or similar power and authority to enter into and to consummate the transactions contemplated by the Transaction Documents and otherwise to carry out its obligations hereunder and thereunder. The execution and delivery of the Transaction Documents and performance by such Purchaser of the transactions contemplated by the Transaction Documents have been duly authorized by all necessary corporate, partnership, limited liability company or similar action, as applicable, on the part of such Purchaser. Each Transaction Document to which it is a party has been duly executed by such Purchaser, and when delivered by such Purchaser in accordance with the terms hereof, will constitute the valid and legally binding obligation of such Purchaser, enforceable against it in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(b) Own Account. Such Purchaser understands that the Securities are "restricted securities" and have not been registered under the Securities Act or any applicable state securities law and is acquiring the Securities as principal for its own account and not with a view to or for distributing or reselling such Securities or any part thereof in violation of the Securities Act or any applicable state securities law, has no present intention of distributing any of such Securities in violation of the Securities Act or any applicable state securities law and has no direct or indirect arrangement or understandings with any other persons to distribute or regarding the distribution of such Securities in violation of the Securities Act or any applicable state securities law (this representation and warranty not limiting such Purchaser's right to sell the Securities pursuant to the Resale Registration Statement or otherwise in compliance with applicable federal and state securities laws). Such Purchaser is acquiring the Securities hereunder in the ordinary course of its business.

(c) Purchaser Status. At the time such Purchaser was offered the Securities, it was, and as of the date hereof it is, and on each date on which it exercises any Warrants or converts its Note it will be either: (i) an "accredited investor" as defined in Rule 501(a)(1), (a)(2), (a)(3), (a)(7), (a)(8), (a)(9), (a)(12), or (a)(13) under the Securities Act or (ii) a "qualified institutional buyer" as defined in Rule 144A(a) under the Securities Act.

(d) Experience of Such Purchaser. Such Purchaser, either alone or together with its representatives, has such knowledge, sophistication and experience in business and financial matters so as to be capable of evaluating the merits and risks of the prospective investment in the Securities, and has so evaluated the merits and risks of such investment. Such Purchaser is able to bear the economic risk of an investment in the Securities and, at the present time, is able to afford a complete loss of such investment.

(e) General Solicitation. Such Purchaser is not, to such Purchaser's knowledge, purchasing the Securities as a result of any advertisement, article, notice or other communication regarding the Securities published in any newspaper, magazine or similar media or broadcast over television or radio or presented at any seminar or, to the knowledge of such Purchaser, any other general solicitation or general advertisement.

(f) Access to Information. Such Purchaser acknowledges that it has had the opportunity to review the Transaction Documents (including all exhibits and schedules thereto) and the SEC Reports and has been afforded (i) the opportunity to ask such questions as it has deemed necessary of, and to receive answers from, representatives of the Company concerning the terms and conditions of the offering of the Securities and the merits and risks of investing in the Securities; (ii) access to information about the Company and its financial condition, results of operations, business, properties, management and prospects sufficient to enable it to evaluate its investment; and (iii) the opportunity to obtain such additional information that the Company possesses or can acquire without unreasonable effort or expense that is necessary to make an informed investment decision with respect to the investment. Such Purchaser acknowledges and agrees that neither the Placement Agent nor any Affiliate of the Placement Agent has provided such Purchaser with any information or advice with respect to the Securities nor is such information or advice necessary or desired. Neither the Placement Agent nor any Affiliate has made or makes any representation as to the Company or the quality of the Securities and the Placement Agent and any Affiliate may have acquired non-public information with respect to the Company which such Purchaser agrees need not be provided to it. In connection with the issuance of the Securities to such Purchaser, neither the Placement Agent nor any of its Affiliates has acted as a financial advisor or fiduciary to such Purchaser.

The Company acknowledges and agrees that the representations contained in this Section 3.2 shall not modify, amend or affect such Purchaser's right to rely on the Company's representations and warranties contained in this Agreement or any representations and warranties contained in any other Transaction Document or any other document or instrument executed and/or delivered in connection with this Agreement or the consummation of the transactions contemplated hereby.

ARTICLE IV. OTHER AGREEMENTS OF THE PARTIES

4.1 Transfer Restrictions.

(a) The Securities may only be disposed of in compliance with state and federal securities laws. In connection with any transfer of Securities other than pursuant to an effective registration statement or Rule 144, to the Company or to an Affiliate of a Purchaser or in connection with a pledge as contemplated in Section 4.1(b), the Company may require the transferor thereof to provide to the Company an opinion of counsel selected by the transferor and reasonably acceptable to the Company, the form and substance of which opinion shall be reasonably satisfactory to the Company, to the effect that such transfer does not require registration of such transferred Securities under the Securities Act. As a condition of transfer, any such transferee shall agree in writing to be bound by the terms of this Agreement and the Registration Rights Agreement and shall have the rights and obligations of a Purchaser under this Agreement and the Registration Rights Agreement.

29

(b) The Purchasers agree to the imprinting, so long as is required by this Section 4.1, of a legend on any of the Securities in the following form:

[NEITHER] THIS SECURITY [NOR THE SECURITIES INTO WHICH THIS SECURITY IS [EXERCISABLE] [CONVERTIBLE]] HAS [NOT] BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "SECURITIES ACT"), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS. THIS SECURITY [AND THE SECURITIES ISSUABLE UPON [EXERCISE] [CONVERSION] OF THIS SECURITY] MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT WITH A REGISTERED BROKER-DEALER OR OTHER LOAN WITH A FINANCIAL INSTITUTION THAT IS AN "ACCREDITED INVESTOR" AS DEFINED IN RULE 501(a) UNDER THE SECURITIES ACT OR OTHER LOAN SECURED BY SUCH SECURITIES.

The Company acknowledges and agrees that a Purchaser may from time to time pledge pursuant to a bona fide margin agreement with a registered broker-dealer or grant a security interest in some or all of the Securities to a financial institution that is an "accredited investor" as defined in Rule 501(a) under the Securities Act and, if required under the terms of such arrangement, such Purchaser may transfer pledged or secured Securities to the pledgees or secured parties. Such a transfer would be subject to compliance with the terms of this Section 4.1. At the appropriate Purchaser's expense, the Company will execute and deliver such reasonable documentation as a

pledgee or secured party of Securities may reasonably request in connection with a pledge or transfer of the Securities, including, if the Securities are subject to registration pursuant to the Registration Rights Agreement, the preparation and filing of any required prospectus supplement under Rule 424(b)(3) under the Securities Act or other applicable provision of the Securities Act to appropriately amend the list of Selling Stockholders (as defined in the Registration Rights Agreement) thereunder.

(c) Certificates evidencing the Underlying Shares shall not contain any legend (including the legend set forth in Section 4.1(b) hereof): (i) while a Resale Registration Statement covering the resale of such security is effective under the Securities Act, (ii) if such Underlying Shares are eligible to be sold, assigned or transferred under, when available (assuming cashless exercise of the Warrants which cashless exercise, for the avoidance of doubt, shall be available only in the event that a Resale Registration Statement covering the resale of Underlying Shares is not available) (provided that a Purchaser provides the Company with reasonable assurances that such Securities are eligible for sale, assignment or transfer under Rule 144 which shall not include an opinion of Purchaser's counsel), or (iii) if such legend is not required (other than under Rule 144) under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Commission). For the avoidance of doubt the Company shall pay all costs associated with such opinions and counsel to the Company, counsel to the Company shall provide all opinions with respect to any resales pursuant to Rule 144, and the Company shall provide confirmation to the transfer agent that all such opinions are acceptable. If all or any portion of a Note is converted or Warrant is exercised at a time when there is an effective Resale Registration Statement to cover the resale of the Underlying Shares, or if such Underlying Shares may be sold under Rule 144 without the requirement for the Company to be in compliance with the current public information requirements of Rule 144(c) and without volume or manner of sale restrictions or if such legend is not otherwise required under applicable requirements of the Securities Act (including Sections 4(a)(1) or 4(a)(7), judicial interpretations and pronouncements issued by the staff of the SEC including what is known as Section 4(a)(1½)) then such Underlying Shares shall be issued free of all legends. For avoidance of doubt, the Company agrees that after the requisite holding period to comply with Rule 144, the legend may be removed under Rule 144 of the Securities Act, assuming the holder satisfies the requirements of Rule 144. The Company agrees that at such time as such legend is no longer required under this Section 4.1(c), it will, no later than the earlier of (i) two Trading Days and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined below) following the delivery by any Purchaser to the Company or the Transfer Agent of a certificate (or stock power if issued in book entry form) representing Shares or Warrant Shares, as applicable, issued without a restrictive legend (such date, the "Legend Removal Date"), deliver or cause to be delivered to such Purchaser a certificate representing such shares that is free from all restrictive and other legends (or provide evidence of issuance in book entry form). The Company may not make any notation on its records or give instructions to the Transfer Agent that enlarge the restrictions on transfer set forth in this Section 4. Certificates for Underlying Shares subject to legend removal hereunder shall be transmitted by the Transfer Agent to such Purchaser by crediting the account of the Purchaser's prime broker with the Depository Trust Company System as directed by the Purchaser. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's Principal Market with respect to the Common Stock as in effect on the date of delivery of a certificate representing Shares and Warrant Shares, as applicable, issued with a restrictive legend. Certificates for the Shares or Warrant Shares subject to legend removal hereunder shall be transmitted by the transfer agent to such Purchaser by crediting the account of the Purchaser's prime broker with the Depository Trust Company System as directed by the Purchaser.

(d) In addition to such Purchaser's other available remedies, the Company shall pay to a Purchaser, in cash, (i) as partial liquidated damages and not as a penalty, for each \$1,000 of Underlying Shares (based on the VWAP of the Common Stock on the date such Securities are submitted to the Transfer Agent) delivered for removal of the restrictive legend and subject to Section 4.1(c), \$10 per Trading Day (increasing to \$20 per Trading Day five) Trading Days after such damages have begun to accrue) for each Trading Day after the Legend Removal Date until such certificate is delivered without a legend; provided that such Purchaser, in good faith, cooperates reasonably with, and takes such customary actions as may be reasonably requested by the Company in connection with the delivery of such certificate without a legend, and (ii) if the Company fails to (a) issue and deliver (or cause to be delivered) to a Purchaser by the Legend

Removal Date a certificate representing the Securities so delivered to the Company by such Purchaser that is free from all restrictive and other legends and (b) if after the Legend Removal Date such Purchaser purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by such Purchaser of all or any portion of the number of shares of Common Stock, or a sale of a number of shares of Common Stock equal to all or any portion of the number of shares of Common Stock that such Purchaser

anticipated receiving from the Company without any restrictive legend, then, an amount equal to the excess of such Purchaser's total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the shares of Common Stock so purchased (including brokerage commissions and other out-of-pocket expenses, if any) (the "**Buy-In Price**") over the product of (A) such number of Underlying Shares that the Company was required to deliver to such Purchaser by the Legend Removal Date multiplied by (B) the lowest closing sale price of the Common Stock on any Trading Day during the period commencing on the date of the delivery by such Purchaser to the Company of the applicable Underlying Shares (as the case may be) and ending on the date of such delivery and payment under this clause (ii)

(e) Each Purchaser, severally and not jointly with the other Purchasers, agrees with the Company that such Purchaser will sell any Securities pursuant to either the registration requirements of the Securities Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if Securities are sold pursuant to a Registration Statement, they will be sold in compliance with the plan of distribution set forth therein, and acknowledges that the removal of the restrictive legend from certificates representing Securities as set forth in this Section 4.1 is predicated upon the Company's reliance upon this understanding.

4.2 Acknowledgment of Dilution. The Company acknowledges that the issuance of the Securities may result in dilution of the outstanding shares of Common Stock, which dilution may be substantial under certain market conditions. The Company further acknowledges that its obligations under the Transaction Documents, including, without limitation, its obligation to issue the Underlying Shares pursuant to the Transaction Documents, are unconditional and absolute and not subject to any right of set off, counterclaim, delay or reduction, regardless of the effect of any such dilution or any claim the Company may have against any Purchaser and regardless of the dilutive effect that such issuance may have on the ownership of the other shareholders of the Company.

4.3 Furnishing of Information; Public Information.

(a) Until the earliest of the time that (i) no Purchaser owns Securities or (ii) the Warrants have expired, the Company covenants to maintain the registration of the Common Stock under Section 12(b) or 12(g) of the Exchange Act and to timely file (or obtain extensions in respect thereof and file within the applicable grace period) all reports required to be filed by the Company after the date hereof pursuant to the Exchange Act even if the Company is not then subject to the reporting requirements of the Exchange Act.

(b) At any time during the period commencing from the six month anniversary of the date hereof (and also following the Second and Third Tranche Closing Dates, as applicable, and ending at such time that all of the Securities may be sold without the requirement for the Company to be in compliance with Rule 144(c)(1) and otherwise without restriction or limitation pursuant to Rule 144, if the Company (i) shall fail for any reason to satisfy the current public information requirement under Rule 144(c) or (ii) has ever been an issuer described in Rule 144 (i)(1)(i) or becomes an issuer in the future, and the Company shall fail to satisfy any condition set forth in Rule 144(i)(2) (a "Public Information Failure") then, in addition to such Purchaser's other available remedies, the Company shall pay to a Purchaser, in cash, as partial liquidated damages and not as a penalty, by reason of any such delay in or reduction of its ability to sell the Securities, an amount in cash equal to two percent of the aggregate Subscription Amount of such Purchaser's Securities on the day of a Public Information Failure and on every 30th day (pro-rated for periods totaling less than 30 days) thereafter until the earlier of (a) the date such Public Information Failure is cured and (b) such time that such public information is no longer required for the Purchasers to transfer the Underlying Shares pursuant to Rule 144. The payments to which a Purchaser shall be entitled pursuant to this Section 4.3(b) are referred to herein as "Public Information Failure Payments." Public Information Failure Payments shall be paid on the earlier of (i) the last day of the calendar month during which such Public Information Failure Payments are incurred and (ii) the third Business Day after the event or failure giving rise to the Public Information Failure Payments is cured. In the event the Company fails to make Public Information Failure Payments in a timely manner, such Public Information Failure Payments shall bear interest at the rate of one and one-half percent per month (prorated for partial months) until paid in full. Nothing herein shall limit such Purchaser's right to pursue actual damages for the Public Information Failure, and such Purchaser shall have the right to pursue all remedies available to it at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief.

4.4 Integration. The Company shall not sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the Securities Act) that would be integrated with the offer or sale of the Securities in a manner that would require the registration under the Securities Act of the sale of the Securities or that would be integrated with the offer or sale of the Securities for purposes of the rules and regulations of any Trading Market such that it would require shareholder approval prior to the closing of such other transaction unless shareholder approval is obtained before the closing of such subsequent transaction.

4.5 Conversion and Exercise Procedures. Each of the form of Notice of Exercise included in the Warrants and the form of Notice of Conversion included in the Notes set forth the totality of the procedures required of the Purchasers in order to exercise the Warrants or convert the Notes. Without limiting the preceding sentences, no ink-original Notice of Exercise or Notice of Conversion shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise or Notice of Conversion form be required in order to exercise the Warrants or convert the Notes. No additional legal opinion, other information or instructions shall be required of the Purchasers to exercise their Warrants or convert their Notes. The Company shall honor exercises of the Warrants and conversions of the Notes and shall deliver Underlying Shares in accordance with the terms, conditions and time periods set forth in the Transaction Documents.

4.6 Securities Laws Disclosure; Publicity. The Company shall (a) by the Disclosure Time, issue a press release disclosing the material terms of the transactions contemplated hereby including the fact that there was a placement agent, and (b) file a Current Report on Form 8-K, including the Transaction Documents as exhibits thereto, with the Commission within the time required by the Exchange Act. From and after the issuance of such press release, the Company represents to the Purchasers that it shall have publicly disclosed all material, non-public information delivered to any of the Purchasers by the Company or any of its Subsidiaries, or any of their respective officers, directors, employees or agents in connection with the transactions contemplated by the Transaction Documents. In addition, effective upon the issuance of such press release, the Company acknowledges and agrees that any and all confidentiality or similar obligations under any agreement, whether written or oral, between the Company, any of its Subsidiaries or any of their respective officers, directors, agents, employees or Affiliates on the one hand, and any of the Purchasers or any of their Affiliates on the other hand, shall terminate. The Company and each Purchaser shall consult with each other in issuing any other press releases with respect to the transactions contemplated hereby, and neither the Company nor any Purchaser shall issue any such press release nor otherwise make any such public statement without the prior consent of the Company, with respect to any press release of any Purchaser, or without the prior consent of each Purchaser, with respect to any press release of the Company, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party shall promptly provide the other party with prior notice of such public statement or communication. Notwithstanding the foregoing, the Company shall not publicly disclose the name of any Purchaser, or include the name of any Purchaser in any filing with the Commission or any regulatory agency or Trading Market, without the prior written consent of such Purchaser, except (a) as required by federal securities law in connection with (i) any registration statement contemplated by the Registration Rights Agreement and (ii) the filing of final Transaction Documents with the Commission and (b) to the extent such disclosure is required by law or Trading Market regulations, in which case the Company shall provide the Purchasers with prior notice of such disclosure permitted under this clause (b).

4.7 Shareholder Rights Plan. No claim will be made or enforced by the Company or, with the consent of the Company, any other Person, that any Purchaser is an “Acquiring Person” under any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or similar anti-takeover plan or arrangement in effect or hereafter adopted by the Company, or that any Purchaser could be deemed to trigger the provisions of any such plan or arrangement, by virtue of receiving Securities under the Transaction Documents or under any other agreement between the Company and the Purchasers.

4.8 Non-Public Information. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, which shall be disclosed pursuant to Section 4.6, the Company covenants and agrees that neither it, nor any other Person acting on its behalf will provide any Purchaser or its agents or counsel with any information that constitutes, or the Company reasonably believes constitutes, material non-public information, unless prior thereto such Purchaser shall have consented to the receipt of such information and agreed with the Company to keep such information confidential. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company. To the extent that the Company, any of its Subsidiaries, or any of their respective officers, director, agents, employees or Affiliates delivers any material, non-public information to a Purchaser without such Purchaser’s consent, the Company hereby covenants and agrees that such Purchaser shall not have any duty of confidentiality to the Company, any of its Subsidiaries, or any of their respective officers, directors, agents, employees or Affiliates, or a duty to the Company, any of its Subsidiaries or any of their respective officers, directors, agents, employees or Affiliates not to trade on the basis of, such material, non-public information, provided that the Purchaser shall remain subject to applicable law. To the extent that any notice provided pursuant to any Transaction Document constitutes, or contains, material, non-public information regarding the Company or any Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company.

4.9 Use of Proceeds. Except as set forth on Schedule 4.9 attached hereto, the Company shall use the net proceeds from the sale of the Securities hereunder for working capital and general corporate purposes and shall not use such proceeds: (a) for the satisfaction of any portion of the Company's debt (other than payment of trade payables in the ordinary course of the Company's business and prior practices), (b) for the redemption of any Common Stock or Common Stock Equivalents, (c) for the settlement of any outstanding litigation or (d) in violation of FCPA or OFAC regulations.

4.10 Indemnification of Purchasers. Subject to the provisions of this Section 4.10, the Company will indemnify and hold each Purchaser and its directors, officers, shareholders, members, partners, employees and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls such Purchaser (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, shareholders, agents, members, partners or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling persons (each, a "Purchaser Party") harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses, including all judgments, amounts paid in settlements, court costs and reasonable attorneys' fees and costs of investigation that any such Purchaser 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 or in the other Transaction Documents or (b) any action instituted by the Company or its affiliates or representatives or agents against the Purchaser Parties in any capacity, or any of them or their respective Affiliates, with respect to any of the transactions contemplated by the Transaction Documents (unless such action is solely based upon a material breach of such Purchaser Party's representations, warranties or covenants under the Transaction Documents or any agreements or understandings such Purchaser Party may have with any such stockholder or any violations by such Purchaser Party of state or federal securities laws or any conduct by such Purchaser Party which is finally judicially determined to constitute fraud, gross negligence or willful misconduct). If any action shall be brought against any Purchaser Party in respect of which indemnity may be sought pursuant to this Agreement, such Purchaser Party shall promptly notify the Company in writing, and the Company shall have the right to assume the defense thereof with counsel of its own choosing reasonably acceptable to the Purchaser Party. Any Purchaser Party shall have the right to employ separate counsel in any such action and participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Purchaser Party except to the extent that (i) the employment thereof has been specifically authorized by the Company in writing, (ii) the Company has failed after a reasonable period of time to assume such defense and to employ counsel or (iii) in such action there is, in the reasonable opinion of counsel, a material conflict on any material issue between the position of the Company and the position of such Purchaser Party, in which case the Company shall be responsible for the reasonable fees and expenses of no more than one such separate counsel. The Company will not be liable to any Purchaser Party under this Agreement (y) for any settlement by a Purchaser Party effected without the Company's prior written consent, which shall not be unreasonably withheld or delayed; or (z) to the extent, but only to the extent that a loss, claim, damage or liability is attributable to any Purchaser Party's breach of any of the representations, warranties, covenants or agreements made by such Purchaser Party in this Agreement or in the other Transaction Documents. The indemnification required by this Section 4.10 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 are incurred. The indemnity agreements contained herein shall be in addition to any cause of action or similar right of any Purchaser Party against the Company or others and any liabilities the Company may be subject to pursuant to law.

4.11 Reservation and Listing of Securities.

(a) The Company shall maintain a reserve of the Required Minimum from its duly authorized shares of Common Stock for issuance pursuant to the Transaction Documents in such amount as may then be required to fulfill its obligations in full under the Transaction Documents.

(b) If, on any date, the number of authorized but unissued (and otherwise unreserved) shares of Common Stock is less than the Required Minimum on such date, then the Board of Directors shall use commercially reasonable efforts to amend the Company's certificate or articles of incorporation to increase the number of authorized but unissued shares of Common Stock to at least the Required Minimum at such time, as soon as possible and in any event not later than the 75th day after such date.

(c) The Company shall, if applicable: (i) in the time and manner required by the principal Trading Market, prepare and file with such Trading Market an additional shares listing application covering a number of shares of Common Stock at least equal to the Required Minimum on the date of such application, (ii) take all steps necessary to cause such shares of Common Stock to be approved for listing or

quotation on such Trading Market as soon as possible thereafter, (iii) provide to the Purchasers evidence of such listing or quotation and (iv) maintain the listing or quotation of such Common Stock on any date at least equal to the Required Minimum on such date on such Trading Market or another Trading Market.

4.12 Participation in Future Financing.

(a) From the date hereof until the 12 month anniversary of the date of this Agreement, upon any issuance by the Company or any of its Subsidiaries of Common Stock or Common Stock Equivalents for cash consideration, Indebtedness or a combination of units thereof (a “Subsequent Financing”), the Purchasers shall have the right to participate in aggregate up to an amount of the Subsequent Financing equal to 25% of the Subsequent Financing (the “Participation Maximum”) on the same terms, conditions and price provided for in the Subsequent Financing.

(b) At least 10 Trading Days prior to the closing of the Subsequent Financing, the Company shall deliver to each Purchaser a written notice of its intention to effect a Subsequent Financing (“Pre-Notice”), which Pre-Notice shall ask such Purchaser if it wants to review the details of such financing (such additional notice, a “Subsequent Financing Notice”). Upon the request of a Purchaser, and only upon a request by such Purchaser, for a Subsequent Financing Notice, the Company shall promptly, but no later than one (1) Trading Day after such request, deliver a Subsequent Financing Notice to such Purchaser. The Subsequent Financing Notice shall describe in reasonable detail the proposed terms of such Subsequent Financing, the amount of proceeds intended to be raised thereunder and the Person or Persons through or with whom such Subsequent Financing is proposed to be effected and shall include a term sheet or similar document relating thereto as an attachment.

36

(c) Any Purchaser desiring to participate in such Subsequent Financing must provide written notice to the Company by not later than 5:30 p.m. (New York, N.Y. time) on the fifth Trading Day after all of the Purchaser have received the Pre-Notice that such Purchaser is willing to participate in the Subsequent Financing, the amount of such Purchaser’s participation, and representing and warranting that such Purchaser has such funds ready, willing, and available for investment on the terms set forth in the Subsequent Financing Notice. If the Company receives no such notice from a Purchaser as of such fifth Trading Day, such Purchaser shall be deemed to have notified the Company that it does not elect to participate.

(d) If by 5:30 p.m. (New York, N.Y. time) on the fifth Trading Day after the Purchaser has received the Pre-Notice, notifications by the Purchaser of their willingness to participate in the Subsequent Financing (or to cause their designees to participate) is, in the aggregate, less than the total amount of the Subsequent Financing, then the Company may effect the remaining portion of such Subsequent Financing on the terms and with the Persons set forth in the Subsequent Financing Notice.

(e) If by 5:30 p.m. (New York, N.Y. time) on the fifth Trading Day after all of the Purchasers have received the Pre-Notice, the Company receives responses to a Subsequent Financing Notice from a Purchaser seeking to purchase more than the aggregate amount of the Participation Maximum, each such Purchaser shall have the right to purchase its Pro Rata Portion (as defined below) of the Participation Maximum. “Pro Rata Portion” means the ratio of (x) the Subscription Amount of Securities purchased on each Closing Date by a Purchaser participating under this Section 4.12 and (y) the sum of the aggregate Subscription Amounts of Securities purchased on each Closing Date by all Purchasers participating under this Section 4.12.

(f) The Company must provide each Purchaser with a second Subsequent Financing Notice, and each Purchaser will again have the right of participation set forth above in this Section 4.12, if the Subsequent Financing subject to the initial Subsequent Financing Notice is not consummated for any reason on the terms set forth in such Subsequent Financing Notice within 30 Trading Days after the date of the initial Subsequent Financing Notice.

(g) The Company and each Purchaser agree that if any Purchaser elects to participate in the Subsequent Financing, the transaction documents related to the Subsequent Financing shall not include any term or provision that, directly or indirectly, will, or is intended to, exclude one or more of the Purchasers from participating in a Subsequent Financing, including, but not limited to, provisions whereby such Purchaser shall be required to agree to any restrictions on trading as to any securities of the Company or be required to consent to any amendment to or termination of, or grant any waiver, release or the like under or in connection with, this Agreement, without the prior written consent of such Purchaser.

37

(h) Notwithstanding anything to the contrary in this Section 4.12 and unless otherwise agreed to by each Purchaser, the Company shall either confirm in writing to each Purchaser that the transaction with respect to the Subsequent Financing has been abandoned or shall publicly disclose its intention to issue the securities in the Subsequent Financing, in either case in such a manner such that each Purchaser will not be in possession of any material, non-public information, by the 10th Business Day following delivery of the Subsequent Financing Notice. If by such 10th Business Day, no public disclosure regarding a transaction with respect to the Subsequent Financing has been made, and no notice regarding the abandonment of such transaction has been received by each Purchaser, such transaction shall be deemed to have been abandoned and each Purchaser shall not be deemed to be in possession of any material, non-public information with respect to the Company or any of its Subsidiaries.

(i) Notwithstanding the foregoing, this Section 4.12 shall not apply in respect of an Exempt Issuance.

4.13 Subsequent Equity Sales.

(a) From the date hereof until 30 days after the effectiveness of the Resale Registration Statement(s) covering all of the Underlying Shares, neither the Company nor any Subsidiary shall (i) issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of Common Stock or Common Stock Equivalents or (ii) file any registration statement or any amendment or supplement thereto, in each case other than as contemplated pursuant to the Registration Rights Agreement.

(b) From the date hereof until such time as no Purchaser any of the Notes, the Company shall be prohibited from effecting or entering 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. "Variable Rate Transaction" means a transaction in which the Company (i) issues or sells any debt or equity securities that are convertible into, exchangeable or exercisable for, or include the right to receive, additional shares of Common Stock either (A) at a conversion price, exercise price or exchange rate or other price that is based upon, and/or varies with, the trading prices of or quotations for the shares of Common Stock at any time after the initial issuance of such debt or equity 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 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 or (ii) enters into, or effects a transaction under, any agreement, including, but not limited to, an equity line of credit or an "at-the-market" offering, whereby the Company may issue securities at a future determined price. Any Purchaser shall be entitled to obtain injunctive relief against the Company to preclude any such issuance, which remedy shall be in addition to any right to collect damages.

(c) Notwithstanding the foregoing, this Section 4.13 shall not apply in respect of (i) an Exempt Issuance, or any adjustments or revisions relating to derivative securities of the Company that are outstanding at the time of closing, except that no Variable Rate Transaction shall be an Exempt Issuance and (ii) the Company's existing Share Subscription Facility with GEM Global Yield, LLC SCS and GEM Yield Bahamas Limited dated June 25, 2021 (the "GEM Facility"); provided, that at any time any Notes remain outstanding the Company shall not issue any shares of Common Stock (or Common Stock Equivalents) pursuant to the GEM Facility; provided, however, the Company may issue warrants (and shares of Common Stock underlying such warrants upon exercise) as required by the GEM Facility.

4.14 Equal Treatment of Purchasers. No consideration (including any modification of any Transaction Document) shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of the Transaction Documents unless the same consideration is also offered to all of the parties to such Transaction Documents. Further, the Company shall not make any payment of principal or interest on the Notes in amounts which are disproportionate to the respective principal amounts outstanding on the Notes at any applicable time. For clarification purposes, this provision constitutes a separate right granted to each Purchaser by the Company and negotiated separately by each Purchaser and is intended for the Company to treat the Purchasers as a class and shall not in any way be construed as the Purchasers acting in concert or as a group with respect to the purchase, disposition or voting of Securities or otherwise.

4.15 Certain Transactions and Confidentiality. Each Purchaser, severally and not jointly with the other Purchasers, covenants that neither it, nor any Affiliate acting on its behalf or pursuant to any understanding has and will not have and will cause its Affiliates to not have a Net Short Position. Each Purchaser, severally and not jointly with the other Purchasers, covenants that until such time as the transactions contemplated by this Agreement are publicly disclosed by the Company pursuant to the initial press release as described in

Section 4.6, such Purchaser will maintain the confidentiality of the existence and terms of this transaction and the information included in the Disclosure Schedules. Notwithstanding the foregoing, and notwithstanding anything contained in this Agreement to the contrary, the Company expressly acknowledges and agrees that (i) no Purchaser makes any representation, warranty or covenant hereby that it will not engage in effecting transactions in any securities of the Company after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.6, (ii) no Purchaser shall be restricted or prohibited from effecting any transactions in any securities of the Company in accordance with applicable securities laws from and after the time that the transactions contemplated by this Agreement are first publicly announced pursuant to the initial press release as described in Section 4.6 and (iii) no Purchaser shall have any duty of confidentiality or duty not to trade in the securities of the Company to the Company or its Subsidiaries after the issuance of the initial press release as described in Section 4.6. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the covenant set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Securities covered by this Agreement.

4.16 Form D; Blue Sky Filings. The Company agrees to timely file a Form D with respect to the Securities as required under Regulation D and to provide a copy thereof, promptly upon request of any Purchaser. The Company shall take such action as the Company shall reasonably determine is necessary in order to obtain an exemption for, or to qualify the Securities for, sale to the Purchasers at each Closing under applicable securities or "Blue Sky" laws of the states of the United States and shall provide evidence of such actions promptly upon request of any Purchaser.

4.17 Capital Changes. From the date hereof until such time as no Purchaser holds any of the Warrants, other than in connection with the Corporate Reorganization, the Company shall not undertake a reverse or forward stock split or reclassification of the Common Stock without the prior written consent of each Purchaser holding a majority in principal amount outstanding of the Notes.

4.18 Subsequent Registrations. If as result of an SEC Staff policy, rule or regulation or for any other reason, the Company is unable to register all of a Purchaser's Registrable Securities (as defined in the Registration Rights Agreement), then upon the earlier of (i) 30 days (or such earlier time as is permitted by the Staff of the SEC or any rule of the SEC) after any Resale Registration Statement filed pursuant to the Registration Rights Agreement is declared effective by the SEC, or (ii) when the registered but not issued Underlying shares fall below 50% of the amount covered by the effective Resale Registration Statement(s), the Company shall file another Resale Registration Statement including all of the remaining Registrable Securities of each Purchaser and comply with the terms and conditions set forth in the Registration Rights Agreement.

4.19 Minimum Cash Covenant. (a) Until all Underlying Shares are subject to an effective Resale Registration Statement, the Company shall maintain a minimum cash balance at United States banks (which includes money market accounts at such banks) equal to at least 19% of the outstanding Principal Amount. (b) The Collateral Agent may appoint a cash monitoring agent (the "Cash Agent") reasonably acceptable to the Company who shall be provided full access on a daily basis to all bank accounts maintained by the Company in order to verify compliance with Section 4.19(a). If at any time the Company has been advised by the Cash Agent that it is not in compliance with Section 4.19(a), it shall file a Current Report on Form 8-K prior to 9:00 am Eastern Time on the next Trading Day. (c) The Company shall pay the Cash Agent a weekly fee of up to \$1,000.

4.20 Collateral Agent.

(a) Each Purchaser hereby (a) appoints _____ as the collateral agent hereunder and under the Security Agreement (in such capacity, the "Collateral Agent"), and (b) authorizes the Collateral Agent (and its officers, directors, employees and agents) to take such action on such Purchaser's behalf in accordance with the terms hereof and thereof. The Collateral Agent shall not have, by reason hereof or pursuant to any Security Agreement, a fiduciary relationship in respect of any Purchaser. Neither the Collateral Agent nor any of its officers, directors, employees and agents shall have any liability to any Purchaser for any action taken or omitted to be taken in connection hereof or the Security Agreement except to the extent caused by its own gross negligence or willful misconduct, and each Purchaser agrees to defend, protect, indemnify and hold harmless the Collateral Agent and all of its officers, directors, employees and agents (collectively, the "Collateral Agent Indemnitees") from and against any losses, damages, liabilities, obligations, penalties, actions, judgments, suits, fees, costs and expenses (including, without limitation, reasonable attorneys' fees, costs and expenses) incurred by such Collateral Agent Indemnitee, whether direct, indirect or consequential, arising from or in connection with the performance by such Collateral Agent Indemnitee of the duties and obligations of Collateral Agent pursuant hereto or the Security Agreement.

(b) The Collateral Agent shall be entitled to rely upon any written notices, statements, certificates, orders or other documents or any telephone message believed by it in good faith to be genuine and correct and to have been signed, sent or made by the proper Person, and with respect to all matters pertaining to this Agreement or any of the other Transaction Documents and its duties hereunder or thereunder, upon advice of counsel selected by it.

(c) The Collateral Agent may resign from the performance of all its functions and duties hereunder and under the Notes and the Security Agreement at any time by giving at least ten (10) Business Days prior written notice to the Company and each holder of the Notes. Such resignation shall take effect upon the acceptance by a successor Collateral Agent of appointment as provided below. Upon any such notice of resignation, the Required Holders shall appoint a successor Collateral Agent. Upon the acceptance of the appointment as Collateral Agent, such successor Collateral Agent shall succeed to and become vested with all the rights, powers, privileges and duties of the retiring Collateral Agent, and the retiring Collateral Agent shall be discharged from its duties and obligations under this Agreement, the Notes and the Security Agreement. After any Collateral Agent's resignation hereunder, the provisions of this Section 4.20 shall inure to its benefit. If a successor Collateral Agent shall not have been so appointed within said 10 Business Day period, the retiring Collateral Agent shall then appoint a successor Collateral Agent who shall serve until such time, if any, as the Required Holders appoints a successor Collateral Agent as provided above.

(d) The Company hereby covenants and agrees to take all actions as promptly as practicable reasonably requested by either the Required Holders or the Collateral Agent (or its successor), from time to time pursuant to the terms of this Section 4.20, to secure a successor Collateral Agent satisfactory to such requesting part(y)(ies), in their sole discretion, including, without limitation, by paying all fees of such successor Collateral Agent, by having the Company agree to indemnify any successor Collateral Agent and by each of the Company executing a collateral agency agreement or similar agreement and/or any amendment to the Security Agreement reasonably requested or required by the successor Collateral Agent

4.21 Voting Agreements. The Company shall not amend, modify, waive or terminate any provision of any of the Voting Agreements except to extend the term of the lock-up period and shall enforce the provisions of each Voting Agreement in accordance with its terms. If any party to a Voting Agreement breaches any provision of a Voting Agreement, the Company shall promptly use its best efforts to seek specific performance of the terms of such Voting Agreement. Notwithstanding the foregoing, no Purchaser shall be a third party beneficiary of any Voting Agreement.

4.22 No Amendment of Existing Registration Rights. The Company shall not amend the registration rights presently in existence in any manner which adversely affects the rights of the Purchasers.

4.23 Information Statement. Within 15 days following the First Tranche Closing, the Company shall prepare and file with the Securities and Exchange Commission (the "SEC") in preliminary form an Information Statement on Schedule 14C. The Company shall promptly provide responses to the SEC with respect to any comments received on such Information Statement from the SEC, and the Company shall cause the definitive Information Statement to be mailed promptly after the date the SEC staff advises that it has no further comments thereof or that the Company may commence mailing the Information Statement.

4.24 Corporate Reorganization. Notwithstanding anything to the contrary contained in this Agreement or in any other Transaction Document, the Company shall in no way be prohibited or restricted from effecting the Corporate Reorganization at any time from and after the date hereof. Any holding company formed in connection with the Corporate Reorganization will assume the obligations under the Transaction Documents. The Company will cause any Subsidiaries formed in connection with the Corporate Reorganization to guarantee all obligations of the Company under the Transaction Documents, substantially in the form of the Subsidiary Guarantee.

ARTICLE V. MISCELLANEOUS

5.1 Termination. This Agreement may be terminated by any Purchaser, as to such Purchaser's obligations hereunder only and without any effect whatsoever on the obligations between the Company and the other Purchasers, by written notice to the other parties, if the

First Closing has not been consummated on or before the fifth Trading Day following the date hereof, provided, however, that no such termination will affect the right of any party to sue for any breach by any other party (or parties).

5.2 Fees and Expenses. At the First Tranche Closing, the Company has agreed to reimburse (i) the Collateral Agent up to \$45,000 for its legal fees and expenses, \$20,000 of which has been paid prior to the First Tranche Closing, and (ii) _____ up to \$15,000 for its legal fees and expenses. The Company shall deliver to each Purchaser, prior to the First Tranche Closing, a completed and executed copy of the Closing Statement, attached hereto as Annex A. Except as expressly set forth in the Transaction Documents to the contrary, each party shall pay the fees and expenses of its advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party incident to the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all Transfer Agent fees (including, without limitation, any fees required for same-day processing of any instruction letter delivered by the Company and any conversion or exercise notice delivered by a Purchaser), stamp taxes and other taxes and duties levied in connection with the delivery of any Securities to each Purchaser and costs necessary to provide the Purchasers with a lien on all of the assets of the Company.

5.3 Entire Agreement. The Transaction Documents, together with the exhibits and schedules thereto, contain the entire understanding of the parties with respect to the subject matter hereof and thereof and supersede all prior agreements and understandings, oral or written, with respect to such matters, which the parties acknowledge have been merged into such documents, exhibits and schedules.

5.4 Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of: (a) the time of transmission, if such notice or communication is delivered via facsimile at the facsimile number or email attachment at the email address as set forth on the signature pages attached hereto at or prior to 5:30 p.m. (New York, N.Y. time) on a Trading Day, (b) the next Trading Day after the time of transmission, if such notice or communication is delivered via facsimile at the facsimile number or email attachment as set forth on the signature pages attached hereto on a day that is not a Trading Day or later than 5:30 p.m. (New York, N.Y. time) on any Trading Day, (c) the second Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service or (d) upon actual receipt by the party to whom such notice is required to be given. The address for such notices and communications shall be as set forth on the signature pages attached hereto.

5.5 Amendments; Waivers. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and each Purchaser (or, after the Third Tranche Closing Date, the Required Holders) or, in the case of a waiver, by the party against whom enforcement of any such waived provision is sought, provided that if any amendment, modification or waiver disproportionately and adversely impacts a Purchaser (or group of Purchasers), the consent of such disproportionately impacted Purchaser (or group of Purchasers) shall also be required. No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of any party to exercise any right hereunder in any manner impair the exercise of any such right. Any proposed amendment or waiver that disproportionately, materially and adversely affects the rights and obligations of any Purchaser relative to the comparable rights and obligations of the other Purchasers shall require the prior written consent of such adversely affected Purchaser. Any amendment effected in accordance with this Section 5.5 shall be binding upon each Purchaser and holder of Securities and the Company. Such amendment provision shall not be construed to mean that the Beneficial Ownership Limitation of the Note may be amended.

5.6 Headings. The headings herein are for convenience only, do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.

5.7 Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties and their successors and permitted assigns. The Company may not assign this Agreement or any rights or obligations hereunder without the prior written consent of each Purchaser (other than by merger). Any Purchaser may assign any or all of its rights under this Agreement to any Person to whom such Purchaser assigns or transfers any Securities, provided that such transferee agrees in writing to be bound, with respect to the transferred Securities, by the provisions of the Transaction Documents that apply to the Purchasers.

5.8 No Third-Party Beneficiaries. The Placement Agent shall be the third-party beneficiary of the representations and warranties of the Company in Section 3.1 and the representations and warranties of the Purchasers in Section 3.2. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except as otherwise set forth in Section 4.10 and this Section 5.8.

5.9 Governing Law. All questions concerning the construction, validity, enforcement and interpretation of the Transaction Documents shall be governed by and construed and enforced in accordance with the internal laws of the State of Illinois, without regard to the principles of conflicts of law thereof. Each party agrees that all legal Proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement and any other Transaction Documents (whether brought against a party hereto or its respective affiliates, directors, officers, shareholders, partners, members, employees or agents) shall be commenced exclusively in the state and federal courts located in Chicago, Illinois. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts located in Wilmington, Delaware for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any Action or Proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such Action or Proceeding is improper or is an inconvenient venue for such Proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such Action or Proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) 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 contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If any party shall commence an Action or Proceeding to enforce any provisions of the Transaction Documents, then, in addition to the obligations of the Company under Section 4.10, the prevailing party in such Action or Proceeding shall be reimbursed by the non-prevailing party for its reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such Action or Proceeding.

5.10 Survival. The representations and warranties contained herein shall survive each Closing and the delivery of the Securities.

5.11 Execution. This Agreement may be executed in two or more counterparts, all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to each other party, it being understood that the parties need not sign the same counterpart. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or ".pdf" signature page were an original thereof.

5.12 Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction to be invalid, illegal, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions set forth herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated, and the parties hereto shall use their commercially reasonable efforts to find and employ an alternative means to achieve the same or substantially the same result as that contemplated by such term, provision, covenant or restriction. It is hereby stipulated and declared to be the intention of the parties that they would have executed the remaining terms, provisions, covenants and restrictions without including any of such that may be hereafter declared invalid, illegal, void or unenforceable.

5.13 Rescission and Withdrawal Right. Notwithstanding anything to the contrary contained in (and without limiting any similar provisions of) any of the other Transaction Documents, whenever any Purchaser exercises a right, election, demand or option under a Transaction Document and the Company does not timely perform its related obligations within the periods therein provided, then such Purchaser may rescind or withdraw, in its sole discretion from time to time upon written notice to the Company, any relevant notice, demand or election in whole or in part without prejudice to its future actions and rights; provided, however, that, in the case of a rescission of a conversion of a Note or exercise of a Warrant, the applicable Purchaser shall be required to return any shares of Common Stock subject to any such rescinded conversion or exercise notice concurrently with the return to such Purchaser of the aggregate exercise price paid to the Company for such shares and the restoration of such Purchaser's right to acquire such shares pursuant to such Purchaser's Warrant (including, issuance of a replacement warrant certificate evidencing such restored right).

5.14 Replacement of Securities. If any certificate or instrument evidencing any Securities is mutilated, lost, stolen or destroyed, the Company shall issue or cause to be issued in exchange and substitution for and upon cancellation thereof (in the case of mutilation), or in

lieu of and substitution therefor, a new certificate or instrument, but only upon receipt of evidence reasonably satisfactory to the Company of such loss, theft or destruction. The applicant for a new certificate or instrument under such circumstances shall also pay any reasonable third-party costs (including customary indemnity) associated with the issuance of such replacement Securities.

5.15 Remedies. In addition to being entitled to exercise all rights provided herein or granted by law, including recovery of damages, each of the Purchasers and the Company will be entitled to specific performance under the Transaction Documents. The parties agree that monetary damages may not be adequate compensation for any loss incurred by reason of any breach of obligations contained in the Transaction Documents and hereby agree to waive and not to assert in any Action for specific performance of any such obligation the defense that a remedy at law would be adequate.

5.16 Payment Set Aside. To the extent that the Company makes a payment or payments to any Purchaser pursuant to any Transaction Document or a Purchaser enforces or exercises its rights thereunder, and such payment or payments or the proceeds of such enforcement or exercise or any part thereof are subsequently invalidated, declared to be fraudulent or preferential, set aside, recovered from, disgorged by or are required to be refunded, repaid or otherwise restored to the Company, a trustee, receiver or any other Person under any law (including, without limitation, any bankruptcy law, state or federal law, common law or equitable cause of action), then to the extent of any such restoration the obligation or part thereof originally intended to be satisfied shall be revived and continued in full force and effect as if such payment had not been made or such enforcement or setoff had not occurred.

5.17 Usury. To the extent it may lawfully do so, the Company hereby agrees not to insist upon or plead or in any manner whatsoever claim, and will resist any and all efforts to be compelled to take the benefit or advantage of, usury laws wherever enacted, now or at any time hereafter in force, in connection with any Action or Proceeding that may be brought by any Purchaser in order to enforce any right or remedy under any Transaction Document. Notwithstanding any provision to the contrary contained in any Transaction Document, it is expressly agreed and provided that the total liability of the Company under the Transaction Documents for payments in the nature of interest shall not exceed the maximum lawful rate authorized under applicable law (the "Maximum Rate"), and, without limiting the foregoing, in no event shall any rate of interest or default interest, or both of them, when aggregated with any other sums in the nature of interest that the Company may be obligated to pay under the Transaction Documents exceed such Maximum Rate. It is agreed that if the maximum contract rate of interest allowed by law and applicable to the Transaction Documents is increased or decreased by statute or any official governmental action subsequent to the date hereof, the new maximum contract rate of interest allowed by law will be the Maximum Rate applicable to the Transaction Documents from the effective date thereof forward, unless such application is precluded by applicable law. If under any circumstances whatsoever, interest in excess of the Maximum Rate is paid by the Company to any Purchaser with respect to indebtedness evidenced by the Transaction Documents, such excess shall be applied by such Purchaser to the unpaid principal balance of any such indebtedness or be refunded to the Company, the manner of handling such excess to be at such Purchaser's election.

5.18 Independent Nature of Purchasers' Obligations and Rights. The obligations of each Purchaser under any Transaction Document are several and not joint with the obligations of any other Purchaser, and no Purchaser shall be responsible in any way for the performance or non-performance of the obligations of any other Purchaser under any Transaction Document. Nothing contained herein or in any other Transaction Document, and no action taken by any Purchaser pursuant hereto or thereto, shall be deemed to constitute the Purchasers as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Purchasers are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by the Transaction Documents. Each Purchaser shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Purchaser to be joined as an additional party in any Proceeding for such purpose. Each Purchaser has been represented by its own separate legal counsel in its review and negotiation of the Transaction Documents. For reasons of administrative convenience only, each Purchaser and its respective counsel have chosen to communicate with the Company through Nason Yeager. Nason Yeager does not represent any of the Purchasers and only represents the Collateral Agent. The Company has elected to provide all Purchasers with the same terms and Transaction Documents for the convenience of the Company and not because it was required or requested to do so by any of the Purchasers. It is expressly understood and agreed that each provision contained in this Agreement and in each other Transaction Document is between the Company and a Purchaser, solely, and not between the Company and the Purchasers collectively and not between and among the Purchasers.

5.19 Liquidated Damages. The Company's obligations to pay any partial liquidated damages or other amounts owing under the Transaction Documents is a continuing obligation of the Company and shall not terminate until all unpaid partial liquidated damages and other amounts have been paid notwithstanding the fact that the instrument or security pursuant to which such partial liquidated damages or other amounts are due and payable shall have been canceled.

5.20 Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then such action may be taken, or such right may be exercised on the next succeeding Business Day.

5.21 Construction. The parties agree that each of them and/or their respective counsel have 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 or any amendments thereto. In addition, each and every reference to share prices and shares of Common Stock in any Transaction Document shall be subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Stock that occur after the date of this Agreement.

46

5.22 **WAIVER OF JURY TRIAL. IN ANY ACTION, SUIT, OR PROCEEDING IN ANY JURISDICTION BROUGHT BY ANY PARTY AGAINST ANY OTHER PARTY, THE PARTIES EACH KNOWINGLY AND INTENTIONALLY, TO THE GREATEST EXTENT PERMITTED BY APPLICABLE LAW, HEREBY ABSOLUTELY, UNCONDITIONALLY, IRREVOCABLY AND EXPRESSLY WAIVES FOREVER TRIAL BY JURY.**

(Signature Pages Follow)

47

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

ATLIS MOTOR VEHICLES, INC.

Address for Notice:

By: _____
Name:
Title:

Email:
Fax:

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

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK
SIGNATURE PAGE FOR PURCHASER FOLLOWS]

48

[PURCHASER SIGNATURE PAGES TO SECURITIES PURCHASE AGREEMENT]

IN WITNESS WHEREOF, the undersigned have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

Name of Purchaser: _____

Signature of Authorized Signatory of Purchaser: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Email Address of Authorized Signatory: _____

Address for Notice to Purchaser:

Address for Delivery of Securities to Purchaser (if not same as address for notice):

Principal Amount for each of First Tranche, Second Tranche and Third Tranche: \$ _____

Subscription Amount for each of First Tranche, Second Tranche and Third Tranche (90% of Principal Amount):

First Tranche Warrant Shares: _____

EIN Number: _____

Wire Instructions to Purchaser for Interest Payments or Note Repayment:

Bank Name:

Routing No. _____

Account No:

SWIFT

Bank Address:

Phone Number:

[PURCHASER SIGNATURE PAGES TO SECURITIES PURCHASE AGREEMENT]

IN WITNESS WHEREOF, the undersigned have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

Name of Purchaser: _____

Signature of Authorized Signatory of Purchaser: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Email Address of Authorized Signatory: _____

Address for Notice to Purchaser:

Address for Delivery of Securities to Purchaser (if not same as address for notice):

Principal Amount for each of First Tranche, Second Tranche and Third Tranche: \$ _____

Subscription Amount for each of First Tranche, Second Tranche and Third Tranche (90% of Principal Amount):

First Tranche Warrant Shares: _____

EIN Number: _____

Wire Instructions to Purchaser for Interest Payments or Note Repayment:

Bank Name:

Routing No. _____

Account No:

SWIFT

Bank Address:

Phone Number:

EXHIBIT A

See attached.

EXHIBIT B

See attached.

EXHIBIT C

See attached.

EXHIBIT D

See attached.

EXHIBIT E

See attached.

EXHIBIT F

See attached.

FORM OF SECURITY AGREEMENT

THIS SECURITY AGREEMENT (as amended, restated, supplemented or otherwise modified from time to time, this “Agreement”) dated as of _____, 2022, between Atlis Motor Vehicles, Inc. , a Delaware corporation (the “Company”), with corporate headquarters at 1828 North Higley Road, Suite 116, Mesa, Arizona 85205 (the Company, each Subsidiary, and each other Person who becomes a party to this Agreement by execution of a joinder in the form of Exhibit A attached hereto, which shall include all Subsidiaries of the Company formed or acquired after the date hereof are hereinafter sometimes referred to individually as a “Debtor” and, collectively, as the “Debtors”) and _____, in its capacity as a Purchaser (as defined in the Purchase Agreement (as hereinafter defined)) and as Collateral Agent for the benefit of itself and each of the other Purchasers (together with their respective successors and permitted assigns, each a “Secured Party” and collectively, the “Secured Parties”) who execute this Agreement.

WHEREAS, the Secured Parties are purchasing from the Company certain Notes (as defined in the Purchase Agreement) in an original aggregate principal amount of up to \$30,000,000 (all such Notes, as any of the same may be amended, supplemented, restated or modified and in effect from time to time), and receive certain Warrants (as defined in the Purchase Agreement) (all such Warrants as any of the same may be amended, supplemented, restated or modified and in effect from time to time);

WHEREAS, the Notes are being acquired by the Secured Parties, and the Secured Parties have made certain financial accommodations to the Company pursuant to the Securities Purchase Agreement, dated as of the date of this Agreement, by and among the Company and the Secured Parties (as the same may be amended, restated, supplemented or otherwise modified from time-to-time, the “Purchase Agreement”). Capitalized words and terms used herein but not otherwise defined shall have the meanings set forth in the Purchase Agreement;

WHEREAS, each Debtor will derive substantial direct or indirect benefit and advantage from the financial accommodations to the Company set forth in the Purchase Agreement and the Notes, and it will be to each such Debtor’s direct or indirect interest and economic benefit to assist the Company in procuring said financial accommodations from the Secured Parties;

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

Section 1. Definitions. Capitalized terms used herein without definition and defined in the Purchase Agreement are used herein as defined therein. In addition, as used herein:

“Accounts” means any “account,” as such term is defined in the UCC, and, in any event, shall include, without limitation, “supporting obligations” as defined in the UCC.

“Chattel Paper” means any “chattel paper,” as such term is defined in the UCC.

“Collateral” shall have the meaning ascribed thereto in Section 3 hereof.

“Collateral Agent” shall mean _____, in its capacity as Collateral Agent.

“Commercial Tort Claims” means “commercial tort claims”, as such term is defined in the UCC.

“Contracts” means all contracts, undertakings, or other agreements (other than rights evidenced by Chattel Paper, Documents or Instruments) in or under which a Debtor may now or hereafter have any right, title or interest, including, without limitation, with respect to an Account, any agreement relating to the terms of payment or the terms of performance thereof.

“Copyrights” means any copyrights, rights and interests in copyrights, works protectable by copyrights, copyright registrations and copyright applications, including, without limitation, the copyright registrations and applications listed on Schedule III attached hereto (if any), and all renewals of any of the foregoing, all income, royalties, damages and payments now and hereafter due

and/or payable under or with respect to any of the foregoing, including, without limitation, damages and payments for past, present and future infringements of any of the foregoing and the right to sue for past, present and future infringements of any of the foregoing.

“Deposit Accounts” means all “deposit accounts” as such term is defined in the UCC, now or hereafter held in the name of a Debtor.

“Documents” means any “documents,” as such term is defined in the UCC, and shall include, without limitation, all documents of title (as defined in the UCC), bills of lading or other receipts evidencing or representing Inventory or Equipment.

“Equipment” means any “equipment,” as such term is defined in the UCC and, in any event, shall include, Motor Vehicles.

“Event of Default” shall have the meaning set forth in the Notes.

“Excluded Assets” means any lease, license or other agreement or any property subject to a capital lease, purchase money security interest or similar arrangement, to the extent that a grant of a Lien thereon in favor of the Collateral Agent would violate or invalidate such lease, license, agreement or capital lease, purchase money security interest or similar arrangement or create a right of termination in favor of any other party thereto (other than the Debtors), so long as such provision exists and so long as such lease, license or agreement was not entered into in contemplation of circumventing the obligation to provide Collateral hereunder or in violation of the Purchase Agreement, other than to the extent that any such term would be rendered ineffective pursuant to Sections 9-406, 9-407, 9-408 or 9-409 of the UCC (or any successor provision or provisions) of any relevant jurisdiction or any other applicable law including the bankruptcy code, or principles of equity.

“General Intangibles” means any “general intangibles,” as such term is defined in the UCC, and, in any event, shall include, without limitation, all right, title and interest in or under any Contract, models, drawings, materials and records, claims, literary rights, goodwill, rights of performance, Copyrights, Trademarks, Patents, warranties, rights under insurance policies and rights of indemnification.

“Goods” means any “goods”, as such term is defined in the UCC, including, without limitation, fixtures and embedded Software to the extent included in “goods” as defined in the UCC.

“Governmental Authority” means the government of the United States of America or any other nation, or any political subdivision thereof, whether state or local, or any agency, authority, instrumentality, regulatory body, court, central bank or other entity exercising executive, legislative, judicial, taxing, regulatory or administration powers or functions of or pertaining to government over any Debtor or any of its subsidiaries, or any of their respective properties, assets or undertakings.

“Instruments” means any “instrument,” as such term is defined in the UCC, and shall include, without limitation, promissory notes, drafts, bills of exchange, trade acceptances, letters of credit, letter of credit rights (as defined in the UCC), and Chattel Paper.

“Inventory” means any “inventory,” as such term is defined in the UCC.

“Investment Property” means any “investment property”, as such term is defined in the UCC.

“Motor Vehicles” shall mean motor vehicles, tractors, trailers and other like property, whether or not the title thereto is governed by a certificate of title or ownership.

“Obligations” means the full amount due under each Note, as it may change from time-to-time, and the cash payment obligations of the Company under the Transaction Documents, including, without limitation, the principal amount of all debts, claims and indebtedness, accrued and unpaid interest and all fees, costs and expenses, whether primary, secondary, direct, contingent, fixed or otherwise, heretofore, now and/or from time to time hereafter owing, due or payable whether before or after the filing of a bankruptcy, insolvency or similar proceeding under applicable federal, state, foreign or other law and whether or not an allowed claim in any such proceeding.

“Patents” means any patents and patent applications, including, without limitation, the inventions and improvements described and claimed therein, all patentable inventions and those patents and patent applications listed on Schedule IV attached hereto (if any), and the reissues, divisions, continuations, renewals, extensions and continuations-in-part of any of the foregoing, and all income, royalties, damages and payments now or hereafter due and/or payable under or with respect to any of the foregoing, including, without limitation, damages and payments for past, present and future infringements of any of the foregoing and the right to sue for past, present and future infringements of any of the foregoing.

“Permitted Indebtedness” has the meaning set forth in the Notes.

“Permitted Lien” has the meaning set forth in the Notes.

“Proceeds” means “proceeds,” as such term is defined in the UCC and, in any event, includes, without limitation, (a) any and all proceeds of any insurance, indemnity, warranty or guaranty payable with respect to any of the Collateral, (b) any and all payments (in any form whatsoever) made or due and payable from time to time in connection with any requisition, confiscation, condemnation, seizure or forfeiture of all or any part of the Collateral by any Governmental Authority (or any person acting under color of Governmental Authority), and (c) any and all other amounts from time to time paid or payable under, in respect of or in connection with any of the Collateral.

“Representative” means any Person acting as agent, representative or trustee on behalf of the Collateral Agent from time-to-time.

“Software” means all “software” as such term is defined in the UCC, now owned or hereafter acquired by a Debtor, other than software embedded in any category of Goods, including, without limitation, all computer programs and all supporting information provided in connection with a transaction related to any program.

“Trademarks” means any trademarks, trade names, corporate names, company names, business names, fictitious business names, trade styles, service marks, logos, other business identifiers, prints and labels on which any of the foregoing have appeared or appear, all registrations and recordings thereof, and all applications in connection therewith, including, without limitation, the trademarks and applications listed in Schedule V attached hereto (if any) and renewals thereof, and all income, royalties, damages and payments now or hereafter due and/or payable under or with respect to any of the foregoing, including, without limitation, damages and payments for past, present and future infringements of any of the foregoing and the right to sue for past, present and future infringements of any of the foregoing.

“UCC” shall mean the Uniform Commercial Code as in effect from time to time in the State of Arizona; provided, that to the extent that the Uniform Commercial Code is used to define any term herein and such term is defined differently in different Articles of the Uniform Commercial Code, the definition of such term contained in Article 9 shall govern.

Section 2. Representations, Warranties and Covenants of the Debtors. Each Debtor represents and warrants to, and covenants with, the Collateral Agent and each Secured Party as follows:

(a) Subject to the Permitted Liens, such Debtor has rights in and the power to transfer the Collateral in which it purports to grant a security interest pursuant to Section 3 hereof (subject, with respect to after acquired Collateral, to such Debtor acquiring the same) and no Lien other than a Permitted Lien exists upon such Collateral.

(b) Subject to the Permitted Liens, this Agreement is effective to create in favor of the Collateral Agent a valid security interest in and Lien upon all of such Debtor’s right, title and interest in and to the Collateral pursuant to which a security interest may be perfected by the following actions, and upon (i) the filing of appropriate UCC financing statements in the jurisdictions listed on Schedule I attached hereto, (ii) filings in the United States Patent and Trademark Office, or United States Copyright Office with respect to Collateral that constitutes Patents and Trademarks, or Copyrights, as the case may be, (iii) the delivery to the Collateral Agent of the Pledged Collateral together with assignments in blank, (iv) delivery to the Collateral Agent or its Representative of Instruments duly endorsed by such Debtor or accompanied by appropriate instruments of transfer duly executed by such Debtor with respect to Instruments not constituting Chattel Paper, and (v) the execution and delivery of control agreements with the depository or other institution with which the applicable Deposit Accounts are maintained, such security interest will be a duly perfected first priority perfected security interest (subject to Permitted Indebtedness) in all of such Collateral in which such a security interest may be perfected by such action.

(c) All of the Equipment, Inventory and Goods owned by such Debtor is located at the places as specified on Schedule I attached hereto. Except as disclosed on Schedule I, none of the Collateral is in the possession of any bailee, warehousemen, processor or consignee. Schedule I discloses such Debtor's name as of the date hereof as it appears in official filings in the state or province, as applicable, of its incorporation, formation or organization, the type of entity of such Debtor (including corporation, partnership, limited partnership or limited liability company), organizational identification number issued by such Debtor's state of incorporation, formation or organization (or a statement that no such number has been issued), such Debtor's state or province, as applicable, of incorporation, formation or organization and the chief place of business, chief executive office and the office where such Debtor keeps its books and records and the states in which such Debtor conducts its business. Such Debtor has only one state or province, as applicable, of incorporation, formation or organization. Such Debtor does not do business and has not done business during the past five years under any trade name or fictitious business name except as disclosed on Schedule II attached hereto.

(d) No Copyrights, Patents or Trademarks listed on Schedules III, IV and V, respectively, if any, have been adjudged invalid or unenforceable or have been canceled, in whole or in part, or are not presently subsisting. Each of such Copyrights, Patents and Trademarks (if any) is valid and enforceable. Subject to the Permitted Lien, such Debtor is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to each of such Copyrights, Patents and Trademarks, identified on Schedules III, IV and V, as applicable, as being owned by such Debtor, free and clear of any liens (subject to the Permitted Lien), charges and encumbrances, including without limitation licenses, shop rights and covenants by such Debtor not to sue third persons. Such Debtor has adopted, used and is currently using, or has a current bona fide intention to use, all of such Trademarks and Copyrights. Such Debtor has no notice of any suits or actions commenced or threatened with reference to the Copyrights, Patents or Trademarks owned by it.

(e) Each Debtor agrees to deliver to the Collateral Agent an updated Schedule I, II, III, IV and/or V within five Trading Days of any change thereto which, if omitted, would make such Schedules materially misleading, taken as a whole. Notwithstanding anything to the contrary in this Agreement, for the avoidance of doubt, any representation or warranty made by Debtors with respect to such Schedules during such five Trading Day period shall be deemed true and correct, and any covenant of the Debtors with respect to such Schedules during such five Trading Day period shall be deemed complied with until the earlier of (a) the expiration of such five Trading Day period and (b) the delivery of such updated Schedule(s).

(f) Such Debtor does not own any Commercial Tort Claim except for those disclosed on Schedule VII hereto (if any) as of the date hereof.

(g) Such Debtor does not have any interest in owned real property with respect to real property except as disclosed on Schedule VIII (if any). Each Debtor shall deliver to the Collateral Agent a revised version of Schedule VIII within 10 Trading Days of any change thereto which, if omitted, would make such Schedule VIII materially misleading, taken as a whole. Notwithstanding anything to the contrary in this Agreement, for the avoidance of doubt, any representation or warranty made by Debtors with respect to such Schedule VIII during such 10 Trading Day period shall be deemed true and correct, and any covenant of the Debtors with respect to such Schedules during such 10 Trading Day period shall be deemed complied with until the earlier of (a) the expiration of such 10 Trading Day period and (b) the delivery of such updated Schedule VIII.

(h) All Equipment (including, without limitation, Motor Vehicles) owned by a Debtor and subject to a certificate of title or ownership statute is described on Schedule IX hereto as of the date hereof.

Section 3. Collateral. As collateral security for the prompt payment in full when due (whether at stated maturity, by acceleration or otherwise) of the Obligations, each Debtor hereby pledges and grants to the Collateral Agent, for the benefit of itself and each other Secured Party, a Lien on and security interest in and to all of such Debtor's right, title and interest all of the properties and assets of such Debtor, whether now owned by such Debtor or hereafter acquired and whether now existing or hereafter coming into existence and wherever located and of every kind, nature and description, whether tangible or intangible, including, but not limited to, the following (all being collectively referred to herein as "Collateral"):

- (a) all Instruments, together with all payments thereon or thereunder;
- (b) all Accounts;
- (c) all Inventory;
- (d) all General Intangibles (including payment intangibles (as defined in the UCC) and Software);
- (e) all Equipment;
- (f) all Documents;
- (g) all Contracts;
- (h) all Goods;
- (i) all Investment Property, including without limitation all equity interests now owned or hereafter acquired by such Debtor;
- (j) all Deposit Accounts, including, without limitation, the balance from time to time in all bank accounts maintained by such Debtor;
- (k) all Commercial Tort Claims specified on Schedule VII;

- (l) all Trademarks, Patents, Copyrights and licenses related to such Trademarks, Patents and Copyrights; and
- (m) all other tangible and intangible property of such Debtor, including, without limitation, all interests in real property, Proceeds, tort claims, products, accessions, rents, profits, income, benefits, substitutions, additions and replacements of and to any of the property of such Debtor described in the preceding clauses of this Section 3 (including, without limitation, any proceeds of insurance thereon, insurance claims and all rights, claims and benefits against any Person relating thereto), other rights to payments not otherwise included in the foregoing, and all books, correspondence, files, records, invoices and other papers, including without limitation all tapes, cards, computer runs, computer programs, computer files and other papers, documents and records in the possession or under the control of such Debtor, or any computer bureau or service company from time to time acting for such Debtor.

Notwithstanding anything to the contrary contained herein or in any Transaction Document, in no event shall the security interest granted herein or therein attach to any Excluded Assets.

Section 4. Covenants; Remedies. In furtherance of the grant of the pledge and security interest pursuant to Section 3 hereof, each Debtor hereby agrees as follows:

4.1 Delivery and Other Perfection; Maintenance, etc.

(a) Delivery of Instruments, Documents, Etc. Each Debtor shall deliver and pledge to the Collateral Agent or its Representative any and all Instruments, negotiable Documents, Chattel Paper and certificated securities (accompanied by stock powers executed in blank, which stock powers may be filled in and completed at any time upon the occurrence of any Event of Default) duly endorsed and/or accompanied by such instruments of assignment and transfer executed by such Debtor in such form and substance as the Collateral Agent or its Representative may request; provided, that so long as no Event of Default shall have occurred and be continuing, each Debtor may retain for collection in the ordinary course of business any Instruments, negotiable Documents and Chattel Paper received by such Debtor in the ordinary course of business, and the Collateral Agent or its Representative shall, promptly upon request of a Debtor, make appropriate arrangements for making any other Instruments, negotiable Documents and Chattel Paper pledged by such Debtor available to such Debtor for purposes of presentation, collection or renewal (any such arrangement to be effected, to the extent deemed appropriate by the Collateral Agent or its Representative, against a trust receipt or like document). If a Debtor retains possession of any Chattel Paper, negotiable Documents or Instruments pursuant to the terms hereof, such Chattel Paper, negotiable Documents and Instruments shall be marked with the following legend: "This writing and the obligations evidenced or secured hereby are subject to

the security interest of _____, in its capacity as Collateral Agent for the benefit of the Secured Parties.” Within 30 days after the Closing Date (or such later date as may be permitted by the Collateral Agent in its sole discretion), the Collateral Agent shall have received a control agreement in form and substance reasonably satisfactory to it with respect to the Debtor’s deposit account maintained at _____, account number _____. The control agreement shall provide that upon receipt of notice of an Event of Default under the Purchase Agreement and the lapse of any time to cure (to the extent that the Purchase Agreement provides for a time to cure), the banking institution shall no longer permit funds to leave the deposit accounts subject to the control agreement and shall not comply with any instructions, directions or orders of any form with respect to such deposit accounts other than instructions, directions or orders originated by the Collateral Agent.

7

(b) Other Documents and Actions. Each Debtor shall, upon the reasonable request of the Collateral Agent, give, execute, deliver, file and/or record any financing statement, registration, notice, instrument, document, agreement, Mortgage or other papers that may be necessary to create, preserve, perfect or validate the security interest granted pursuant hereto (or any security interest or mortgage contemplated or required hereunder, including with respect to Section 2(h) of this Agreement) or to enable the Collateral Agent or its Representative to exercise and enforce the rights of the Secured Parties hereunder with respect to such pledge and security interest, provided that notices to account debtors in respect of any Accounts or Instruments shall be subject to the provisions of clause (e) below. Notwithstanding the foregoing each Debtor hereby irrevocably authorizes the Collateral Agent at any time and from time to time to file in any filing office in any jurisdiction any initial financing statements (and other similar filings or registrations under other applicable laws and regulations pertaining to the creation, attachment, or perfection of security interests) and amendments thereto that (a) indicate the Collateral (i) as all assets of such Debtor or words of similar effect, regardless of whether any particular asset comprised in the Collateral falls within the scope of Article 9 of the UCC, or (ii) as being of an equal or lesser scope or with greater detail, and (b) contain any other information required by part 5 of Article 9 of the UCC for the sufficiency or filing office acceptance of any financing statement or amendment, including (i) whether such Debtor is an organization, the type of organization and any organization identification number issued to such Debtor, and (ii) in the case of a financing statement filed as a fixture filing, a sufficient description of real property to which the Collateral relates. Each Debtor agrees to furnish any such information to the Collateral Agent promptly upon reasonable request. Each Debtor also ratifies its authorization for the Collateral Agent to have filed in any jurisdiction any like initial financing statements or amendments thereto if filed prior to the date hereof.

(c) Books and Records. Each Debtor shall maintain at its own cost and expense reasonably complete and accurate books and records of the Collateral, including, without limitation, a record of payments received and credits granted with respect to the Collateral. Upon the occurrence and during the continuation of any Event of Default, each Debtor shall deliver and turn over any such books and records (or true and correct copies thereof) to the Collateral Agent or its Representative at any time on demand. Each Debtor shall permit the Collateral Agent or any Representative of the Collateral Agent to inspect such books and records at any time during reasonable business hours and upon reasonable notice; provided that a representative of such Debtor may attend such inspection, if desired by such Debtor, and will provide photocopies thereof at such Debtor’s expense to the Collateral Agent or its Representative upon reasonable request of the Collateral Agent or its Representative.

(d) Notice to Account Debtors; Verification. Upon the occurrence and during the continuance of any Event of Default, (i) upon request of the Collateral Agent or its Representative, each Debtor shall promptly notify (and each Debtor hereby authorizes the Collateral Agent and its Representative so to notify) each account debtor in respect of any Accounts or Instruments or other Persons obligated on the Collateral that such Collateral has been assigned to the Collateral Agent hereunder, and that any payments due or to become due in respect of such Collateral are to be made directly to the Collateral Agent, and (ii) the Collateral Agent and its Representative shall have the right at any time or times to make direct verification with the account debtors or other Persons obligated on the Collateral of any and all of the Accounts or other such Collateral.

8

(e) Intellectual Property. Each Debtor represents and warrants that the Copyrights, Patents and Trademarks listed on Schedules III, IV and V, respectively (if any), constitute all of the registered Copyrights and all of the Patents and Trademarks now owned by such Debtor. If such Debtor shall (i) obtain rights to any new patentable inventions, any registered Copyrights or any Patents or Trademarks, or (ii) become entitled to the benefit of any registered Copyrights or any Patents or Trademarks or any improvement on any Patent, the provisions of this Agreement above shall automatically apply thereto and such Debtor shall give to the Collateral Agent

prompt written notice thereof. Each Debtor hereby authorizes the Collateral Agent to modify this Agreement by amending Schedules III, IV and V, as applicable, to include any such registered Copyrights or any such Patents and Trademarks. Each Debtor shall have the duty (i) to prosecute diligently any patent, trademark, or service mark applications pending as of the date hereof or hereafter, (ii) to preserve and maintain all rights in the Copyrights, Patents and Trademarks, to the extent material to the operations of the business of such Debtor and (iii) to ensure that the Copyrights, Patents and Trademarks are and remain enforceable, to the extent material to the operations of the business of such Debtor. Any expenses incurred in connection with such Debtor's obligations under this Section 4.1(f) shall be borne by such Debtor. Except for any such items that a Debtor reasonably believes (using prudent industry customs and practices) are no longer necessary for the on-going operations of its business, no Debtor shall abandon any material right to file a patent, trademark or service mark application, or abandon any pending patent, trademark or service mark application or any other Copyright, Patent or Trademark without the prior written consent of the Collateral Agent.

(f) Further Identification of Collateral. Each Debtor will, when and as often as reasonably requested by the Collateral Agent or its Representative, furnish to the Collateral Agent or such Representative, statements and schedules further identifying and describing the Collateral and such other reports in connection with the Collateral as the Collateral Agent or its Representative may reasonably request, all in reasonable detail.

(g) Investment Property. Each Debtor will take any and all actions reasonably required or requested by the Collateral Agent or its Representative, from time to time, to (i) cause the Collateral Agent to obtain exclusive control of any Investment Property owned by such Debtor in a manner acceptable to the Collateral Agent and (ii) use its commercially reasonable efforts to obtain from any issuers of Investment Property and such other Persons written confirmation of the Collateral Agent's control over such Investment Property. For purposes of this Section 4.1(g), the Collateral Agent shall have exclusive control of Investment Property if (i) such Investment Property consists of certificated securities and a Debtor delivers such certificated securities to the Collateral Agent (with appropriate endorsements if such certificated securities are in registered form); (ii) such Investment Property consists of uncertificated securities and either (x) a Debtor delivers such uncertificated securities to the Collateral Agent or (y) the issuer thereof agrees, pursuant to documentation in form and substance satisfactory to the Collateral Agent, that it will comply with instructions originated by the Collateral Agent without further consent by such Debtor, and (iii) such Investment Property consists of security entitlements and either (x) the Collateral Agent becomes the entitlement holder thereof or (y) the appropriate securities intermediary agrees, pursuant to the documentation in form and substance satisfactory to the Collateral Agent, that it will comply with entitlement orders originated by the Collateral Agent without further consent by any Debtor.

(h) Commercial Tort Claims. Each Debtor shall promptly notify the Collateral Agent of any Commercial Tort Claim acquired by it that concerns a claim in excess of \$50,000 and if requested by the Collateral Agent, such Debtor shall enter into a supplement to this Agreement granting to the Secured Parties a Lien on and security interest in such Commercial Tort Claim.

4.2 Other Liens. Other than Permitted Liens as defined in the Notes, Debtors will not create, permit or suffer to exist, and will defend the Collateral against and take such other action as is necessary to remove, any Lien on the Collateral except Permitted Indebtedness, and will defend the right, title and interest of the Secured Parties in and to the Collateral and in and to all Proceeds thereof against the claims and demands of all Persons whatsoever.

4.3 Preservation of Rights. Whether or not an Event of Default has occurred or is continuing, and subject to a minimum of 5 business days' notice to the Debtor when an Event of Default has not occurred and is not continuing, the Collateral Agent and its Representative may, but shall not be required to, take any steps the Collateral Agent or its Representative reasonably deems reasonably necessary or reasonably appropriate to preserve any Collateral or any rights against third parties to any of the Collateral, including obtaining insurance for the Collateral at any time when such Debtor has failed to do so, and Debtors shall promptly pay, or reimburse the Collateral Agent for, all reasonable and documented out of pocket expenses incurred in connection therewith.

4.4 Formation of Subsidiaries; Name Change; Location; Bailees.

(a) No Debtor shall form or acquire any Subsidiary unless (i) within ten days (or such longer period as the Collateral Agent may agree) of such formation or acquisition, (A) such Debtor pledges all of the stock or equity interests of such Subsidiary to the Collateral Agent for the benefit of the Secured Parties pursuant to an agreement in a form agreed to by the Collateral Agent, (B) such Subsidiary becomes a party to this Agreement by execution of a joinder in the form of Exhibit A attached hereto and (ii) the formation or acquisition of such Subsidiary is not prohibited by the terms of the Transaction Documents.

(b) Except for transactions not prohibited by the terms of the Transaction Documents, no Debtor shall (i) reincorporate or reorganize itself under the laws of any jurisdiction other than the jurisdiction in which it is incorporated or organized as of the date hereof, or (ii) otherwise change its name, identity or corporate structure, in each case, without the prior written consent of the Collateral Agent, which consent shall not be unreasonably withheld, conditioned or delayed. Each Debtor will notify the Collateral Agent promptly in writing prior to any such change in the proposed use by such Debtor of any tradename or fictitious business name other than any such name set forth on Schedule II attached hereto.

(c) Except for the sale of Inventory in the ordinary course of business and other sales of assets not prohibited by the terms of the Transaction Documents, each Debtor will keep the Collateral at the locations specified in Schedule I. Each Debtor will give the Collateral Agent written notice within five (5) Trading Days after any change in such Debtor's chief place of business or of any new location for any of the Collateral.

(d) If any Collateral is at any time in the possession or control of any warehousemen, bailee, consignee or processor, such Debtor shall, upon the reasonable request of the Collateral Agent or its Representative, notify such warehousemen, bailee, consignee or processor of the Lien and security interest created hereby.

(e) Each Debtor acknowledges that it is not authorized to file any financing statement or amendment or termination statement with respect to any financing statement without the prior written consent of the Collateral Agent and agrees that it will not do so without the prior written consent of the Collateral Agent, subject to such Debtor's rights under Section 9-509(d)(2) to the UCC.

(f) No Debtor shall enter into any Contract that restricts or prohibits the grant to any Secured Party of a security interest in favor of the Collateral Agent in Accounts, Chattel Paper, Instruments or payment intangibles or the proceeds of the foregoing.

4.5 Events of Default, Etc. During the period during which an Event of Default shall have occurred and be continuing subject to Permitted Liens:

(a) each Debtor shall, at the request of the Collateral Agent or its Representative, assemble the Collateral and make it available to the Collateral Agent or its Representative at a place or places designated by the Collateral Agent or its Representative which are reasonably convenient to the Collateral Agent or its Representative, as applicable, and such Debtor;

(b) the Collateral Agent or its Representative may make any reasonable compromise or settlement deemed desirable with respect to any of the Collateral and may extend the time of payment, arrange for payment in installments, or otherwise modify the terms of, any of the Collateral;

(c) the Collateral Agent shall have all of the rights and remedies with respect to the Collateral of a secured party under the UCC (whether or not said UCC is in effect in the jurisdiction where the rights and remedies are asserted) and such additional rights and remedies to which a secured party is entitled under the laws in effect in any jurisdiction where any rights and remedies hereunder may be asserted, including, without limitation, the right, to the maximum extent permitted by law, to: (i) upon one (1) Trading Day's prior written notice to each Debtor, exercise all voting, consensual and other powers of ownership pertaining to the Collateral as if the Collateral Agent were the sole and absolute owner thereof (and each Debtor agrees to take all such action as may be appropriate to give effect to such right) and (ii) the appointment of a receiver or receivers for all or any part of the Collateral or business of a Debtor, whether such receivership be incident to a proposed sale or sales of such Collateral or otherwise and without regard to the value of the Collateral or the solvency of any person or persons liable for the payment of the Obligations secured by such Collateral. Each Debtor hereby consents to the appointment of such receiver or receivers, waives any and all defenses to such appointment and agrees that such appointment shall in no manner impair, prejudice or otherwise affect the rights of the Collateral Agent or any Secured Party under this Agreement. Each Debtor hereby expressly waives notice of a hearing for appointment of a receiver and the necessity for bond or an accounting by the receiver;

(d) the Collateral Agent or its Representative in its discretion may, in the name of the Collateral Agent or in the name of a Debtor or otherwise, demand, sue for, collect or receive any money or property at any time payable or receivable on account of or in exchange for any of the Collateral, but shall be under no obligation to do so;

(e) the Collateral Agent or its Representative may take immediate possession and occupancy of any premises owned, used or leased by a Debtor and exercise all other rights and remedies which may be available to the Collateral Agent or a Secured Party;

(f) the Collateral Agent may, upon reasonable notice (such reasonable notice to be determined by the Collateral Agent in its sole and absolute discretion, which shall not be less than 10 days), with respect to the Collateral or any part thereof which shall then be or shall thereafter come into the possession, custody or control of the Collateral Agent or its Representative, sell, lease, license, assign or otherwise dispose of all or any part of such Collateral, at such place or places as the Collateral Agent deems best, and for cash or for credit or for future delivery (without thereby assuming any credit risk), at public or private sale, without demand of performance or notice of intention to effect any such disposition or of the time or place thereof (except such notice as is required above or by applicable statute and cannot be waived), and the Collateral Agent or anyone else may be the purchaser, lessee, licensee, assignee or recipient of any or all of the Collateral so disposed of at any public sale (or, to the extent permitted by law, at any private sale) and thereafter hold the same absolutely, free from any claim or right of whatsoever kind, including any right or equity of redemption (statutory or otherwise), of Debtors, any such demand, notice and right or equity being hereby expressly waived and released. The Collateral Agent may, without notice or publication, adjourn any public or private sale or cause the same to be adjourned from time to time by announcement at the time and place fixed for the sale, and such sale may be made at any time or place to which the sale may be so adjourned;

(g) the Collateral Agent, shall, upon one (1) Trading Day's prior written notice to each Debtor, have the right (in its sole and absolute discretion) to cause each of the pledged securities to be transferred of record into the name of the Collateral Agent or into the name of its nominee (as pledgee or as sub-agent) or the name of the applicable Debtor, endorsed or assigned in blank or in favor of the Collateral Agent and to the extent permitted by the documentation governing such pledged securities and applicable law, the Collateral Agent shall have the right to exchange the certificates representing pledged securities for certificates of smaller or larger denominations for any purpose consistent with this Agreement. Each Debtor shall will take any and all actions reasonably requested by the Collateral Agent to facilitate compliance with this Section 4.5(g);

(h) all rights of any Debtor to dividends, interest, principal or other distributions that such Debtor is entitled to receive shall cease, and all such rights shall thereupon become vested in the Collateral Agent, which shall have the sole and exclusive right and authority to receive and retain such dividends, interest, principal or other distributions as part of the pledged Collateral hereunder. All dividends, interest, principal or other distributions received by any Debtor contrary to the provisions of Section 4.5(g) or this Section 4.5(h) shall be held in trust for the benefit of the Collateral Agent and shall be forthwith delivered to the Collateral Agent upon demand in the same form as so received (with any necessary endorsement reasonably requested by the Collateral Agent); and

(i) the rights, remedies and powers conferred by this Section 4.5 are in addition to, and not in substitution for, any other rights, remedies or powers that the Collateral Agent or any Secured Party may have under any Transaction Document, at law, in equity or by or under the UCC or any other statute or agreement. The Collateral Agent may proceed by way of any action, suit or other proceeding at law or in equity and no right, remedy or power of the Collateral Agent will be exclusive of or dependent on any other. The Collateral Agent may exercise any of its rights, remedies or powers separately or in combination and at any time.

The proceeds of each collection, sale or other disposition under this Section 4.5 shall be applied in accordance with Section 4.8 hereof.

4.6 Deficiency. If the proceeds of sale, collection or other realization of or upon the Collateral are insufficient to cover the reasonable and documented costs and expenses of such realization and the payment in full of the Obligations, Debtors shall remain jointly and severally liable for any deficiency.

4.7 Private Sale. Each Debtor recognizes that the Collateral Agent may be unable to effect a public sale of any or all of the Collateral consisting of securities by reason of certain prohibitions contained in the Securities Act of 1933, as amended (the "Act"), and applicable state securities laws, but may be compelled to resort to one or more private sales thereof to a restricted group of purchasers who will be obliged to agree, among other things, to acquire such Collateral for their own account for investment and not with

a view to the distribution or resale thereof. Each Debtor acknowledges and agrees that any such private sale may result in prices and other terms less favorable to the seller than if such sale were a public sale and each Debtor agrees that it is not commercially unreasonable for the Collateral Agent to engage in any such private sales or dispositions under such circumstances. The Collateral Agent shall be under no obligation to delay a sale of any of the Collateral to permit a Debtor to register such Collateral for public sale under the Act, or under applicable state securities laws, even if Debtors would agree to do so. The Collateral Agent shall not incur any liability as a result of the sale of any such Collateral, or any part thereof, at any private sale provided for in this Agreement conducted in a commercially reasonable manner, and so long as the Collateral Agent conducts such sale in a commercially reasonable manner each Debtor hereby waives any claims against the Collateral Agent or any Secured Party arising by reason of the fact that the price at which the Collateral may have been sold at such a private sale was less than the price which might have been obtained at a public sale or was less than the aggregate amount of the Obligations, even if the Collateral Agent accepts the first offer received and does not offer the Collateral to more than one offeree.

Each Debtor further agrees to do or cause to be done all such other acts and things as may be necessary to make such sale or sales of any portion or all of any such Collateral valid and binding and in compliance with any and all applicable laws, regulations, orders, writs, injunctions, decrees or awards of any and all courts, arbitrators or governmental instrumentalities, domestic or foreign, having jurisdiction over any such sale or sales, all at such Debtor's expense. Each Debtor further agrees that a breach of any of the covenants contained in this Section 4.8 will cause irreparable injury to the Secured Parties, that the Secured Parties have no adequate remedy at law in respect of such breach and, as a consequence, agrees that each and every covenant contained in this Section 4.8 shall be specifically enforceable against Debtors by Collateral Agent of behalf of each Secured Party, and each Debtor hereby waives and agrees not to assert any defenses against an action for specific performance of such covenants except for a defense that no Event of Default has occurred and is continuing.

4.8 Application of Proceeds. The proceeds of any collection, sale or other realization of all or any part of the Collateral, and any other cash at the time held by the Collateral Agent under this Agreement, shall be applied to the Obligations in accordance with the Pro Rata Portion of each Secured Party. "Pro Rata Portion" shall mean the ratio of (x) the subscription amount of the Notes purchased by a Secured Party participating under this Section 4.8 and (y) the sum of the aggregate subscription amounts of the Notes purchased by all Secured Parties participating under this Section 4.8.

4.9 Attorney-in-Fact. Each Debtor hereby irrevocably constitutes and appoints the Collateral Agent, with full power of substitution, as its true and lawful attorney-in-fact with full irrevocable power and authority in the place and stead of such Debtor and in the name of such Debtor or in its own name, upon the occurrence and during the continuation of an Event of Default (except in connection with the perfection of the security interest granted to the Collateral Agent hereunder), from time to time in the discretion of the Collateral Agent, for the purpose of carrying out the terms of this Agreement, to take any and all appropriate action and to execute and deliver any and all documents and instruments which may be necessary or desirable to perfect or protect any security interest granted hereunder, to maintain the perfection or priority of any security interest granted hereunder, or to otherwise accomplish the purposes of this Agreement, and, without limiting the generality of the foregoing, hereby gives the Collateral Agent the power and right, on behalf of such Debtor, without notice to or assent by such Debtor (to the extent permitted by applicable law), to do the following upon the occurrence and during the continuation of an Event of Default:

(a) to take any and all appropriate action and to execute and deliver any and all documents and instruments which may be necessary or desirable to accomplish the purposes of this Agreement;

(b) to ask, demand, collect, receive and give acquittance and receipts for any and all moneys due and to become due under any Collateral and, in the name of such Debtor or its own name or otherwise, to take possession of and endorse and collect any checks, drafts, notes, acceptances or other Instruments for the payment of moneys due under any Collateral and to file any claim or to take any other action or proceeding in any court of law or equity or otherwise deemed appropriate by the Collateral Agent for the purpose of collecting any and all such moneys due under any Collateral whenever payable and to file any claim or to take any other action or proceeding in any court of law or equity or otherwise deemed appropriate by the Collateral Agent for the purpose of collecting any and all such moneys due under any Collateral whenever payable;

(c) to pay or discharge charges or liens levied or placed on or threatened against the Collateral, to effect any insurance called for by the terms of this Agreement and to pay all or any part of the premiums therefor;

(d) to direct any party liable for any payment under any of the Collateral to make payment of any and all moneys due, and to become due thereunder, directly to the Collateral Agent or as the Collateral Agent shall direct, and to receive payment of and receipt for any and all moneys, claims and other amounts due, and to become due at any time, in respect of or arising out of any Collateral;

(e) to sign and indorse any invoices, freight or express bills, bills of lading, storage or warehouse receipts, drafts against debtors, assignments, verifications and notices in connection with accounts and other Documents constituting or relating to the Collateral;

(f) to commence and prosecute any suits, actions or proceedings at law or in equity in any court of competent jurisdiction to collect the Collateral or any part thereof and to enforce any other right in respect of any Collateral;

(g) to defend any suit, action or proceeding brought against a Debtor with respect to any Collateral;

(h) to settle, compromise or adjust any suit, action or proceeding described above and, in connection therewith, to give such discharges or releases as the Collateral Agent may deem appropriate;

(i) to the extent that a Debtor's authorization given in Section 4.1(b) of this Agreement is not sufficient to file such financing statements with respect to this Agreement, with or without such Debtor's signature, or to file a photocopy of this Agreement in substitution for a financing statement, as the Collateral Agent may deem appropriate and to execute in such Debtor's name such financing statements and amendments thereto and continuation statements which may require such Debtor's signature;

(j) generally to sell, transfer, pledge, make any agreement with respect to or otherwise deal with any of the Collateral as fully and completely as though the Collateral Agent were the absolute owners thereof for all purposes; and

(k) to do, at the Collateral Agent's option and at such Debtor's expense, at any time, or from time to time, all acts and things which the Collateral Agent reasonably deems necessary to protect or preserve or realize upon the Collateral and the Secured Parties' Liens therein, in order to effect the intent of this Agreement, all as fully and effectively as such Debtor might do.

Each Debtor hereby ratifies, to the extent permitted by law, all that such attorneys lawfully do or cause to be done by virtue hereof provided the same is performed in a commercially reasonable manner. The power of attorney granted hereunder is a power coupled with an interest and shall be irrevocable until the Obligations are indefeasibly paid in full in cash (other than Obligations which expressly survive by their terms and contingent indemnification Obligations) and this Agreement is terminated in accordance with Section 4.11 hereof.

Each Debtor also authorizes the Collateral Agent, at any time from and after the occurrence and during the continuation of any Event of Default, (x) to communicate in its own name with any party to any Contract with regard to the assignment of the right, title and interest of such Debtor in and under the Contracts hereunder and other matters relating thereto and (y) to execute, in connection with any sale of Collateral provided for in Section 4.5 hereof, any endorsements, assignments or other instruments of conveyance or transfer with respect to the Collateral.

4.10 Perfection. Prior to or concurrently with the execution and delivery of this Agreement, each Debtor shall:

(a) file such financing statements, assignments for security and other documents in such offices as may be necessary or as the Collateral Agent or the Representative may request to perfect the security interests granted by Section 3 of this Agreement;

(b) at the Collateral Agent's request, deliver to the Collateral Agent or its Representative the originals of all Instruments together with, in the case of Instruments constituting promissory notes, allonges attached thereto showing such promissory notes to be payable to the order of a blank payee;

(c) If the Debtor has not done so, the Collateral Agent may do the actions set forth in clauses (a) and (b) above at any later time at the sole cost of the Debtors.

4.11 Termination; Partial Release of Collateral. This Agreement and the Liens and security interests granted hereunder shall not terminate until the full and complete performance and indefeasible satisfaction of all of the Obligations (other than Obligations which expressly survive by their terms and contingent indemnification Obligations), whereupon the Collateral Agent shall forthwith cause to be assigned, transferred and delivered, against receipt but without any recourse, warranty or representation whatsoever, any remaining Collateral to or on the order of Debtors. The Collateral Agent shall also execute and deliver to Debtors upon such termination and at Debtors' expense such UCC termination statements, certificates for terminating the liens on the Motor Vehicles (if any) and such other documentation as shall be reasonably requested by Debtors or otherwise necessary to effect the termination and release of all Liens and security interests in favor of the Collateral Agent affecting the Collateral. Notwithstanding anything to the contrary in this Agreement, upon full and complete satisfaction of the Obligations (other than Obligations which expressly survive by their terms and contingent indemnification Obligations), Debtors obligations under this Agreement shall immediately terminate and any Liens shall thereupon be void. If any of the Collateral shall be sold, transferred to or otherwise disposed of by any Debtor in a transaction permitted by and in compliance with all applicable provisions of the applicable Transaction Document, then the Liens granted hereunder with respect to such Collateral shall be automatically released (unless otherwise specified herein or in the other Transaction Documents), all without delivery of any instrument or performance of any act by any party, and Collateral Agent shall, at the written request and sole expense of such Debtor, execute and deliver to such Debtor all releases or other documents reasonably necessary or reasonably desirable for the release of the Liens created hereby on such Collateral.

4.12 Further Assurances. At any time and from time to time, upon the written reasonable request of the Collateral Agent or its Representative, and at the sole expense of Debtors, Debtors will promptly and duly execute and deliver any and all such further instruments, documents and agreements and take such further actions as the Collateral Agent or its Representative may reasonably require in order for the Collateral Agent to obtain the full benefits of this Agreement and of the rights and powers herein granted in favor of the Collateral Agent, including, without limitation, using Debtors' commercially reasonable efforts to secure all consents and approvals necessary or appropriate for the assignment to the Collateral Agent of any Collateral held by Debtors or in which a Debtor has any rights not heretofore assigned, the filing of any financing or continuation statements under the UCC with respect to the liens and security interests granted hereby, transferring Collateral to the Collateral Agent's possession (if a security interest in such Collateral can be perfected by possession), placing the interest of the Collateral Agent as lienholder on the certificate of title of any Motor Vehicle, and obtaining waivers of liens from landlords and mortgagees. Each Debtor also hereby authorizes the Collateral Agent and its Representative to file any such financing or continuation statement without the signature of such Debtor to the extent permitted by applicable law.

4.13 Limitation on Duty of Secured Party. The powers conferred on the Collateral Agent under this Agreement are solely to protect the Collateral Agent's interest on behalf of itself and the other Secured Parties in the Collateral and shall not impose any duty upon it to exercise any such powers. The Collateral Agent shall be accountable only for amounts that it actually receives as a result of the exercise of such powers and neither the Collateral Agent nor its Representative nor any of their respective officers, directors, employees or agents shall be responsible to Debtors for any act or failure to act, except for gross negligence, bad faith or willful misconduct. Without limiting the foregoing, the Collateral Agent and any Representative shall be deemed to have exercised reasonable care in the custody and preservation of the Collateral in their possession if such Collateral is accorded treatment substantially equivalent to that which the Collateral Agent or any Representative, in its individual capacity, accords its own property consisting of the type of Collateral involved, it being understood and agreed that neither the Collateral Agent nor any Representative shall have any responsibility for taking any necessary steps (other than steps taken in accordance with the standard of care set forth above) to preserve rights against any Person with respect to any Collateral.

Also without limiting the generality of the foregoing, neither the Collateral Agent nor any Representative shall have any obligation or liability under any Contract or license by reason of or arising out of this Agreement or the granting to the Collateral Agent of a security interest therein or assignment thereof or the receipt by the Collateral Agent or any Representative of any payment relating to any Contract or license pursuant hereto, nor shall the Collateral Agent or any Representative be required or obligated in any manner to perform or fulfill any of the obligations of Debtors under or pursuant to any Contract or license, or to make any payment, or to make any inquiry as to the nature or the sufficiency of any payment received by it or the sufficiency of any performance by any party under any Contract or license, or to present or file any claim, or to take any action to collect or enforce any performance or the payment of any amounts which may have been assigned to it or to which it may be entitled at any time or times.

Section 5. Miscellaneous.

5.1 No Waiver. No failure on the part of the Collateral Agent or any of its Representatives to exercise, and no course of dealing with respect to, and no delay in exercising, any right, power or remedy hereunder shall operate as a waiver thereof, nor shall any single or partial exercise by the Collateral Agent or any of its Representatives of any right, power or remedy hereunder preclude any other or further exercise thereof or the exercise of any other right, power or remedy. The rights and remedies hereunder provided are cumulative and may be exercised singly or concurrently, and are not exclusive of any rights and remedies provided by law.

5.2 Governing Law. This Agreement shall be governed by and construed in accordance with the Purchase Agreement.

5.3 Notices. All notices, approvals, requests, demands and other communications hereunder shall be delivered or made in the manner set forth in, and shall be effective in accordance with the terms of, the Purchase Agreement. Debtors and Collateral Agent may change their respective notice addresses by written notice given to each other party five days prior to the effectiveness of such change.

5.4 Amendments, Etc. The terms of this Agreement may be waived, altered or amended only by an instrument in writing duly executed by the Debtor sought to be charged or benefited thereby and the Secured Parties holding a majority of the outstanding principal of the Notes. Any such amendment or waiver shall be binding upon all the Secured Parties (including the Collateral Agent in its capacity as a Secured Party) and the Debtor(s) sought to be charged or benefited thereby and their respective successors and assigns.

5.5 Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the respective successors and assigns of each of the parties hereto, provided, that no Debtor shall assign or transfer its rights hereunder without the prior written consent of each Secured Party. Any Secured Party, including the Collateral Agent in its capacity as a Secured Party, may assign its rights hereunder without the consent of Debtors, in which event such assignee shall be deemed to be a Secured Party and/or Collateral Agent, as applicable, hereunder with respect to such assigned rights.

5.6 Counterparts; Headings. This Agreement may be authenticated in any number of counterparts, all of which taken together shall constitute one and the same instrument and any of the parties hereto may authenticate this Agreement by signing any such counterpart. This Agreement may be authenticated by manual signature or facsimile, .pdf or similar electronic signature, all of which shall be equally valid. The headings in this Agreement are for convenience of reference only and shall not alter or otherwise affect the meaning hereof.

5.7 Severability. If any provision hereof is invalid and unenforceable in any jurisdiction, then, to the fullest extent permitted by law, (a) the other provisions hereof shall remain in full force and effect in such jurisdiction and shall be liberally construed in favor of the Collateral Agent, its Representative and each other Secured Party (and all of their respective successors and assigns) in order to carry out the intentions of the parties hereto as nearly as may be possible and (b) the invalidity or unenforceability of any provision hereof in any jurisdiction shall not affect the validity or enforceability of such provision in any other jurisdiction.

5.8 Exclusive Jurisdiction. Any action, proceeding or claim arising out of, or relating in any way to, this Agreement shall be brought and enforced only as provided in the Purchase Agreement.

5.9 Waiver of Right to Trial by Jury. **Each Debtor and each Secured Party waive their respective rights to a trial by jury of any claim or cause of action based upon or arising out of or related to this Agreement or the transactions contemplated hereby, in any action, proceeding or other litigation of any type brought by any of the parties against any other party or parties, whether with respect to contract claims, tort claims, or otherwise. Each Debtor and each Secured Party agree that any such claim or cause of action shall be tried by a court trial without a jury. Without limiting the foregoing, the parties further agree that their respective right to a trial by jury is waived by operation of this Section 5.9 as to any action, counterclaim**

or other proceeding which seeks, in whole or in part, to challenge the validity or enforceability of this agreement or any provision hereof. This waiver shall apply to any subsequent amendments, renewals, supplements or modifications to this Agreement.

5.10 Joint and Several. The obligations, covenants and agreements of Debtors hereunder shall be the joint and several obligations, covenants and agreements of each Debtor, whether or not specifically stated herein without preferences or distinction among them.

5.11 Collateral Agent and Secured Parties Indemnification.

(a) Each Secured Party has, pursuant to the Purchase Agreement, designated and appointed the Collateral Agent as the administrative agent of such Secured Party under this Agreement and the related agreements.

(b) Nothing in this Section 5.11 shall be deemed to limit or otherwise affect the rights of the Collateral Agent to exercise any remedy provided in this Agreement or any other Transaction Document.

(c) If pursuant to any Transaction Document a Secured Party (including the Collateral Agent) is given the discretion to allocate proceeds received by such Secured Party (including the Collateral Agent) pursuant to the exercise of remedies under the Transaction Documents or at law or in equity (including without limitation with respect to any secured creditor remedies exercised against the Collateral and any other collateral security provided for under any Transaction Document), the Collateral Agent shall apply such proceeds to the then outstanding Obligations in the following order of priority (with amounts received being applied in the numerical order set forth below until exhausted prior to the application to the next succeeding category and each Secured Party entitled to payment shall receive an amount equal to its Pro Rata Portion of amounts available to be applied pursuant to clauses second, third and fourth below):

first, to payment of fees, costs and expenses (including reasonable attorney's fees) owing to the Collateral Agent;

second, to payment of all accrued unpaid interest and fees (other than fees owing to Collateral Agent) on the Obligations;

third, to payment of principal of the Obligations;

fourth, to payment of any other amounts owing constituting Obligations; and

fifth, any remainder shall be for the account of and paid to whoever may be lawfully entitled thereto.

(d) Each Debtor agrees, jointly and severally, to indemnify, defend and hold harmless the Collateral Agent (both in its capacity as collateral agent hereunder and as a Secured Party), every other Secured Party, their respective successors and assigns and all of their respective officers, directors, shareholders, members, managers, partners, employees, attorneys and agents, and any Person in control of any thereof (collectively, the "Indemnitees"), from and against any claims, debts, liabilities, losses, demands, obligations, actions, causes of action, fines, penalties, reasonable and documented out of pocket costs and expenses (including attorneys' fees and consultants' fees), of every nature, character and description (each, an "Indemnified Liability" and collectively the "Indemnified Liabilities"), under federal and state securities laws or otherwise insofar as such Indemnified Liability arises out of or is based upon any of the transactions contemplated by this Agreement, any other Transaction Document, any of the Obligations, or any other cause or thing whatsoever occurred, done, omitted or suffered to be done by a Debtor relating to any Secured Party or the Obligations (except any such amounts sustained or incurred solely as the result of the gross negligence, bad faith or willful misconduct of such Indemnitees, as finally determined by a court of competent jurisdiction); but limited, in the case of legal fees and expenses, to one counsel to all such Indemnitees, taken as a whole and, solely in the case of an actual or potential conflict of interest, one additional counsel to all affected Indemnitees, taken as a whole (and, if reasonably necessary, one local counsel in any relevant jurisdiction to all such Persons, taken as a whole and, solely in the case of any such an actual or potential conflict of interest, one additional local counsel to all affected Indemnitees taken as a whole, in each such relevant jurisdiction)). If and to the extent that the foregoing undertakings in this paragraph may be unenforceable for any reason, each Debtor agrees to jointly and severally make the maximum contribution to the payment and satisfaction of each of the Indemnified Liabilities which is permissible under applicable law. The obligations of each Debtor under this Section 5.11(d) shall survive any termination of this Agreement or any other Transaction Document.

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

20

5.13 Entire Agreement; Amendment. This Agreement, together with the other transaction documents, supersedes all other prior oral or written agreements between the Secured Parties, the Collateral Agent, the Debtors, their affiliates and persons acting on their behalf with respect to the matters discussed herein, and this Agreement, together with the other transaction documents and the other instruments referenced herein and therein, contain the entire understanding of the parties with respect to the matters covered herein and therein and, except as specifically set forth herein or therein, neither the secured party nor any Debtor makes any representation, warranty, covenant or undertaking with respect to such matters. As of the date of this Agreement, there are no unwritten agreements between the parties with respect to the matters discussed herein. No provision of this Agreement may be amended, modified or supplemented other than by an instrument in writing signed by the Debtors and the Secured Party.

- Remainder of Page Intentionally Left Blank; Signature Page Follows -

21

IN WITNESS WHEREOF, the parties hereto have caused this Security Agreement to be duly executed and delivered as of the day and year first above written.

DEBTORS:

Atlis Motor Vehicles, Inc., a Delaware corporation

By: _____
Name:
Title:

Signature Page to Security Agreement

COLLATERAL AGENT:

_____, in its capacity as Collateral Agent
for the Secured Parties

By: _____
Name:
Title:

Collateral Agent Signature Page to Security
Agreement

EXHIBIT A

Form of Joinder
Joinder to Security Agreement

The undersigned, _____, hereby joins in the execution of that certain Security Agreement dated as of _____, 2022 (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement") by the Debtors (as defined therein), the Secured Parties (as defined therein), and each other Person that becomes a Debtor or a Secured Party thereunder after the date thereof and hereof and pursuant to the terms thereof, to and in favor of _____, in its capacity as Collateral Agent for the Secured Parties. By executing this Joinder, the undersigned hereby agrees that it is a Debtor thereunder and agrees to be bound by all of the terms and provisions of the Security Agreement. The undersigned represents and warrants that the representations and warranties set forth in the Security Agreement are, with respect to the undersigned, true and correct as of the date hereof.

The undersigned represents and warrants to Secured Party that, as of the date hereof:

- (a) all of the Equipment, Inventory and Goods owned by such Debtor is located at the places as specified on Schedule I and such Debtor conducts business in the jurisdiction set forth on Schedule I;
- (b) except as disclosed on Schedule I, none of such Collateral is in the possession of any bailee, warehousemen, processor or consignee;
- (c) the chief place of business, chief executive office and the office where such Debtor keeps its books and records are located at the place specified on Schedule I;
- (d) such Debtor (including any Person acquired by such Debtor) does not do business or has not done business during the past five years under any tradename or fictitious business name, except as disclosed on Schedule II;
- (e) all Copyrights, Patents and Trademarks owned or licensed by the undersigned are listed in Schedules III, IV and V, respectively;
- (f) all Deposit Accounts, securities accounts, brokerage accounts and other similar accounts maintained by such Debtor, and the financial institutions at which such accounts are maintained, are listed on Schedule VI;
- (g) all Commercial Tort Claims of such Debtor are listed on Schedule VII;
- (h) all interests in real property and mining rights held by such Debtor are listed on Schedule VIII;
- (i) all Equipment (including Motor Vehicles) owned by such debtor that is subject to a certificate of title or ownership statute is listed on Schedule IX.

Exhibit A-1

_____, a _____
By:

Title:
FEIN: _____

Exhibit A-2

SCHEDULE I
Jurisdictions and Debtor's Information

Schedule I

SCHEDULE II
Trade Names

Schedule II

SCHEDULE III
Copyrights

Schedule III

SCHEDULE IV
Patents

Schedule IV

SCHEDULE V
Trademarks

<i>Trademark</i>	<i>Country</i>	<i>Filed</i>	<i>Serial No.</i>	<i>Reg. Date</i>	<i>Reg. No.</i>	<i>Status</i>	<i>Owner</i>

Schedule V

SCHEDULE VI
Depository and Other Accounts

Schedule VI

SCHEDULE VII
Commercial Tort Claim

Schedule VII

SCHEDULE VIII
Real Property Interests

Schedule VIII

SCHEDULE IX
Debtor's Equipment

Schedule IX

FORM OF REGISTRATION RIGHTS AGREEMENT

THIS REGISTRATION RIGHTS AGREEMENT (the “Agreement”) is dated as of _____, 2022, by and among Atlis Motor Vehicles, Inc. (the “Company”), and each Person defined on the signature pages hereto (together with their respective successors and assigns, each an “Investor”).

WHEREAS, the Company has agreed to provide certain registration rights to the Investors in order to induce each Investor to enter into that certain Securities Purchase Agreement by and among the Company and each Investor dated as of _____, 2022 (the “Purchase Agreement”).

Now, therefore, in consideration of the mutual promises and the covenants as set forth herein, the parties hereto hereby agree as follows:

1. **Definitions.** Unless the context otherwise requires, capitalized words and terms used herein without definition and defined in the Purchase Agreement are used herein as defined therein. Notwithstanding the foregoing, as used herein the capitalized words and terms defined in this Section 1 shall have the meanings herein specified for all purposes of this Agreement, applicable to both the singular and plural forms of any of the terms herein defined:

“Agreement” means this Registration Rights Agreement, as the same may be amended, modified or supplemented in accordance with the terms hereof.

“Board” means the Board of Directors of the Company.

“Common Stock” means the Company’s authorized Class A common stock, as constituted on the date of this Agreement, any stock into which such Common Stock may thereafter be changed and any stock of the Company of any other class, which is not preferred as to dividends or assets over any other class of stock of the Company and which is not subject to redemption, issued to the holders of shares of such Common Stock upon any re-classification thereof.

“Company” has the meaning assigned to it in the introductory paragraph of this Agreement.

“Exchange Act” means the Securities Exchange Act of 1934 (or successor statute).

“Excluded Forms” means Registration Statements under the Securities Act on Forms S-4 and S-8 or any successors.

“Filing Date” has the meaning assigned to it in Section 3(a) of this Agreement.

“Investors” has the meaning assigned to it in the introductory paragraph of this Agreement.

“Person” includes any natural person, corporation, trust, association, company, partnership, joint venture, limited liability company and other entity and any government, governmental agency, instrumentality or political subdivision.

“Proposed Registration” means any proposed Registration Statement to be filed pursuant to this Agreement.

“Purchase Agreement” has the meaning assigned to it in the Recitals of this Agreement.

The terms “register” “registered” and “registration” refer to a registration effected by preparing and filing a Registration Statement on other than any of the Excluded Forms in compliance with the Securities Act, and the declaration or ordering of the effectiveness of such Registration Statement.

“Registration Statement” means any registration statement filed by the Company on behalf of any Investors that covers the resale of Registrable Securities under the provisions of this Agreement.

“Registrable Securities” means the greater of (a) (i) the Common Stock to be acquired by each Investor pursuant to the conversion of the Notes (calculated using the applicable “Floor Price” then in effect as defined under the Notes) and exercise of the Warrants and any other shares of Common Stock subsequently acquired by any Investor under any Transaction Documents, and (ii) any securities of the Company issued with respect to such Common Stock by way of any stock dividend or stock split or in connection with any merger, combination, recapitalization, share exchange, consolidation, reorganization or other similar transaction, or (b) the highest Required Minimum determined between the applicable Closing Date and filing of the subject Registration Statement.

“Representatives” means all shareholders, officers, directors, members, managers, partners, employees and agents.

“Rule 144” has the meaning assigned to it in Section 7 of this Agreement.

“SEC” means the Securities and Exchange Commission or any other governmental body at the time administering the Securities Act.

“Securities Act” means the Securities Act of 1933 (or successor statute).

“Selling Expenses” means all selling commissions, underwriting discounts, other fees paid by an Investor to a broker-dealer, finder’s fees and stock transfer taxes applicable to the Registrable Securities contained in a Registration Statement for the benefit of each Investor.

2. **Required Registration.**

(a) Within 20 days after the First Tranche Closing, the Company shall file with the SEC a Registration Statement on Form S-1 or S-3, or any successor form covering the sale of all of the Registrable Securities issuable under the First Tranche Closing and the Second Tranche Closing.

2

(b) Within 20 days after the Third Tranche Closing, the Company shall file with the SEC a Registration Statement on Form S-1 or S-3, or any successor form covering the sale of all of the Registrable Securities issuable under the Third Tranche Closing.

(c) The Company shall fully comply with Section 4.18 of the Purchase Agreement.

3. **Obligations of the Company.** If and whenever the Company is required by the provisions hereof to effect or cause the registration of any Registrable Securities under the Securities Act as provided herein, the Company shall:

(a) prepare and file with the SEC within 20 days after the First Tranche Closing and the Third Tranche Closing, as applicable, a Registration Statement with respect to such Registrable Securities (each, a “Filing Date”) and cause any such Registration Statement to become effective within 60 days after the applicable Filing Date, subject to extension upon consent of the Collateral Agent (which consent shall not be unreasonably withheld), and to remain effective until the sale or other disposition of all Registrable Securities covered by such Registration Statement has occurred during such period in accordance with the intended methods of disposition by the Investors set forth in such Registration Statement (the “Effectiveness Period”) (provided that before filing a Registration Statement or any amendment or supplement thereto, the Company will at least three Trading Days prior to making any such filing it shall furnish to each Investor copies of the Registration Statement, as amended if applicable and any response letter to the Staff of the SEC proposed to be filed);

(b) subject to complying with Section 3(a), prepare and file with the SEC such amendments to any such Registration Statement (including post-effective amendments) and supplements to the prospectus included therein as may be necessary to keep such Registration Statement effective and to comply with the provisions of the Securities Act during the Effectiveness Period;

(c) furnish to each Investor such number of copies of such Registration Statement and of each such amendment and supplement thereto (in each case including all exhibits), such number of copies of the prospectus included in such Registration Statement (including each preliminary prospectus), in conformity with the requirements of the Securities Act, and such other documents, as each

Investor may reasonably request, in order to facilitate the public sale or other disposition of the Registrable Securities owned by the Investors;

(d) make such filings under the securities or blue sky laws of such states or commonwealths as any Investor may reasonably request to enable each Investor to consummate the sale;

3

(e) promptly notify the Investors at any time when a prospectus relating to their Registrable Securities is required to be delivered under the Securities Act, of the Company's becoming aware that the prospectus included in the related Registration Statement, as then in effect, includes an untrue statement of a material fact or omits to state any material fact required to be stated therein or necessary to make the statements therein not misleading in light of the circumstances then existing, and promptly prepare and furnish to the Investors a reasonable number of copies of a prospectus supplement or amendment so that, as thereafter delivered to the purchasers of such Registrable Securities, such prospectus, as supplemented or amended, shall not include an 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 not misleading in the light of the circumstances then existing. In such event, the Company shall file a Form 8-K or amended prospectus or prospectus supplement within four Trading Days in order to permit the Holder to be able to sell the Registrable Securities;

(f) otherwise comply with all applicable rules and regulations of the SEC and to perform its obligations hereunder;

(g) cause the Registrable Securities to continue to be quoted on the Principal Market;

(h) provide a transfer agent for all Registrable Securities and promptly pay all fees and costs of the transfer agent;

(i) provide a CUSIP number for all Registrable Securities, in each case not later than the effective date of the applicable Registration Statement;

(j) notify the Investors of any stop order threatened or issued by the SEC and take all actions reasonably necessary to prevent the entry of such stop order or to remove it if entered; and

(k) promptly email each Investor copies of all comment letters and other communications from and with the Staff of the SEC, file an amendment to a Registration Statement within five Trading Days, subject to extension upon consent of the Collateral Agent (which consent shall not be unreasonably withheld), after receipt of a comment letter or oral comments, and request acceleration of the effectiveness of the Registration Statement within two Trading Days after the Company or its counsel has been advised that the Staff of the SEC has "no review" or no further comments.

A failure to comply with Section 3 of this Agreement and Section 4.18 of the Purchase Agreement shall be deemed to be an Event of Default under the Notes.

4. **Other Procedures.**

(a) Subject to the remaining provisions of this Section 4 and the Company's general obligations under Section 3, the Company shall be required to maintain the effectiveness of a Registration Statement until the earlier of (i) the sale or other disposition of all Registrable Securities, or (ii) two years following the effectiveness of the Registration Statement.

(b) In consideration of the Company's obligations under this Agreement, the Investors agree that, upon receipt of any notice from the Company of the happening of any event of the kind described in Section 3(e) herein, each Investor shall forthwith discontinue its sale of Registrable Securities pursuant to the Registration Statement covering such Registrable Securities until the Investor's receipt of the copies of the supplemented or amended prospectus contemplated by said Section 3(e).

4

(c) The Company's obligation to file any Registration Statement or amendment including a post-effective amendment, shall be subject to each Investor, as applicable, furnishing to the Company in writing such information and documents regarding such Investor and the distribution of such Investor's Registrable Securities as may reasonably be required to be disclosed in the Registration Statement in question by the rules and regulations under the Securities Act or under any other applicable securities or blue sky laws of the jurisdiction referred to in Section 3(d) herein. The Company's obligations are also subject to each Investor promptly executing any representation letter concerning compliance with Regulation M under the Exchange Act (or any successor rule or regulation). If any Investor fails to provide all of the information required by this Section 4(c), the Company shall have no obligation to include its Registrable Securities in a Registration Statement or it may withdraw such Investor's Registrable Securities from the Registration Statement without incurring any penalty or otherwise incurring liability to such Investor.

(d) If any such registration or comparable statement refers to an Investor by name or otherwise as a stockholder of the Company, but such reference to such Investor by name or otherwise is not required by the Securities Act or the rules thereunder, then each Investor shall have the right to require the deletion of the reference to such Investor, as may be applicable.

(e) If as result of an SEC Staff policy, rule or regulation or for any other reason, the Company is unable to register all Registrable Securities in one Registration Statement, then upon the earlier of (i) 30 days (or such earlier time as is permitted by the Staff of the SEC or any rule of the SEC) after any Registration Statement filed pursuant to this Agreement is declared effective by the SEC, or (ii) when the registered but not issued Underlying Shares fall below 50% of the amount covered by the effective Resale Registration Statement(s), the Company shall file another Registration Statement including all of the remaining Registrable Securities of each Investor, in which event the conditions of this Agreement shall apply; provided, however, in no event shall the Company delay the effective date of any Registration Statement for more than five Trading Days after receipt of notice from the SEC Staff that it will either not review a Registration Statement or it has no further comments with respect to a Registration Statement.

(f) The Company shall not include any securities for any other stockholder in any registration statement other than Registrable Securities for the Investors in any Registration Statement.

5. Registration Expenses. In connection with any registration of Registrable Securities pursuant to Section 2, the Company shall, whether or not any such registration shall become effective, from time to time, pay all expenses (other than Selling Expenses) incident to its performance of or compliance, including, without limitation, all registration, and filing fees, fees and expenses of compliance with securities or blue sky laws, word processing, printing and copying expenses, messenger and delivery expenses, fees and disbursements of counsel for the Company and all independent public accountants and other Persons retained by the Company.

6. Indemnification.

(a) In the event of any registration of any shares of Common Stock under the Securities Act pursuant to this Agreement, the Company shall indemnify, defend and hold harmless each Investor, its Affiliates, and their respective Representatives, successors and assigns, from and against any losses, claims, damages or liabilities, joint or several, to which each Investor, its Affiliates, and its respective Representatives, successors and assigns may become subject under the Securities Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in any Registration Statement under which such Registrable Securities were registered under the Securities Act, any preliminary prospectus or final prospectus contained therein, or any amendment or supplement thereto, or any document incident to registration or qualification of any Registrable Securities pursuant to Section 3(d) herein, or arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading or, with respect to any prospectus, necessary to make the statements therein, in light of the circumstances under which they were made, not misleading, or any violation by the Company of the Securities Act, the Exchange Act, or state securities or blue sky laws or relating to action or inaction required of the Company in connection with such registration or qualification under the Securities Act or such state securities or blue sky laws. If the Company fails to defend the Investor, its Affiliates, and its respective Representatives, successors and assigns, as applicable, as required by Section 6(c) herein, it shall reimburse (after receipt of appropriate documentation) each Investor, its Affiliates, and its respective Representatives, successors and assigns for any legal or any other reasonable and documented out-of-pocket expenses incurred by any of them in connection with investigating or defending any such loss, claim, damage, liability or action; provided, however, that the Company shall not be liable to an Investor, its Affiliates, or its respective Representatives, successors or assigns in any such case to the extent that any such loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in said Registration Statement, said preliminary prospectus, said prospectus, or said amendment or supplement or any document incident to registration or qualification

of any Registrable Securities pursuant to Section 3(d) hereof in reliance upon and in conformity with written information furnished to the Company by such Investor, its Affiliates, or its respective Representatives, successors or assigns specifically for use in the preparation thereof.

(b) In the event of any registration of any Registrable Securities under the Securities Act pursuant to this Agreement, each Investor shall, severally and not jointly, indemnify and hold harmless (in the same manner and to the same extent as set forth in Section 6(a)) the Company, each director of the Company, each officer of the Company who signs such Registration Statement, the Company's attorneys and auditors and any Person who controls the Company within the meaning of the Securities Act, from and against any loss, claim, damage or liability that arises out of or is based upon any untrue statement or omission from such Registration Statement, any preliminary prospectus or final prospectus contained therein, or any amendment or supplement thereto, if and to the extent that such untrue statement or omission was made in reliance upon and in conformity with written information furnished to the Company by such Investor specifically for use in the preparation of such Registration Statement, preliminary prospectus, final prospectus or amendment or supplement.

6

(c) Promptly after receipt by an indemnified party of notice of the commencement of any action involving a claim referred to in Section 6(a) or (b), such indemnified party shall, if a claim in respect thereof is made against an indemnifying party, give written notice to such indemnifying party of the commencement of such action. The indemnifying party shall be relieved of its obligations under this Section 6(c) if and to the extent that the indemnified party delays in giving notice and the indemnifying party is damaged or prejudiced by the delay. In case any such action is brought against an indemnified party, the indemnifying party shall be entitled to participate in and to assume the defense thereof, jointly with any other indemnifying party similarly notified to the extent that it may wish, with counsel reasonably satisfactory to such indemnified party, and, after notice from the indemnifying party to such indemnified party of its election so as to assume the defense thereof, the indemnifying party shall be responsible for any legal or other expenses subsequently incurred by the indemnifying party in connection with the defense thereof, provided, however, that, if counsel for an indemnified party shall have reasonably concluded that there is an actual or potential conflict of interest between the indemnified party and the indemnifying party, the indemnifying party shall not have the right to assume the defense of such action on behalf of such indemnified party, and such indemnifying party shall reimburse such indemnified party for the reasonable and documented fees and expenses of counsel (including local counsel, if applicable) retained by the indemnified party which are reasonably related to the matters covered by the indemnity agreement provided in this Section 6. Provided, further, that in no event shall any indemnification by an Investor under this Section 6 exceed the net proceeds from the sale of Registrable Securities received by such Investor. No indemnified party shall make any settlement of any claims indemnified against hereunder without the written consent of the indemnifying party, which consent shall not be unreasonably withheld. In the event that any indemnifying party enters into any settlement without the written consent of the indemnified party, the indemnifying party shall not consent to entry of any judgment or enter into any settlement which does not include as an unconditional term thereof the giving by the claimant or plaintiff of a release of such indemnified party from all liability in respect to such claim or litigation.

(d) In order to provide for just and equitable contribution to joint liability under the Securities Act in any case in which (i) any indemnified party makes a claim for indemnification pursuant to this Section 6, but it is judicially determined (by the entry of a final judgment or decree by a court of competent jurisdiction and the expiration of time to appeal or the denial of the last right of appeal) that such indemnification may not be enforced in such case notwithstanding the fact that this Section 6 provides for indemnification in such case, or (ii) contribution under the Securities Act may be required in circumstances for which indemnification is provided under this Section 6; then, in each such case, the Company and each such Investor shall contribute to the aggregate losses, claims, damages or liabilities to which they may be subject as is appropriate to reflect the relative fault of the Company and such Investor in connection with the statements or omissions which resulted in such losses, claims, damages or liabilities, it being understood that the parties acknowledge that the overriding equitable consideration to be given effect in connection with this provision is the ability of one party or the other to correct the statement or omission (or avoid the conduct or take an act) which resulted in such losses, claims, damages or liabilities, and that it would not be just and equitable if contribution pursuant hereto were to be determined by pro-rata allocation or by any other method of allocation which does not take into consideration the foregoing equitable considerations. Notwithstanding the foregoing, (i) no such Investor shall be required to contribute any amount in excess of the net proceeds to it of all Registrable Securities sold by it pursuant to such Registration Statement, and (ii) no Person who is guilty of fraudulent misrepresentation within the meaning of Section 11(f) of the Securities Act shall be entitled to contribution from any Person who is not guilty of such fraudulent misrepresentation.

7

7. **Rule 144.** As long as an Investor holds restricted securities (as that term is used in Rule 144) or has the right to acquire restricted Conversion Shares or restricted Warrant Shares, the Company covenants that it will (i) make and keep public information available, as those terms are understood and defined in Rule 144, at all times, (ii) file in a timely manner the reports and other documents required to be filed under the Securities Act or the Exchange Act and the rules and regulations adopted by the SEC thereunder, (iii) furnish to each Investor promptly upon request (x) a written statement by the Company as to its compliance with the reporting requirements of Rule 144 and the Exchange Act, (y) a copy of the most recent annual or quarterly report of the Company, and (z) such other information as an Investor may reasonably request, and (iv) cooperate with each Investor and respond as promptly as possible to any requests from such Investor in connection with Rule 144 transfers of restricted securities, in each case to enable such Investor to sell its Registrable Securities without registration under the Securities Act within the limitation of the exemption provided by (a) Rule 144 under the Securities Act, as such Rule may be amended from time to time, or (b) any similar rule or regulation hereafter adopted by the SEC (collectively, “Rule 144”); provided, however, nothing contained in this Section 7 or elsewhere in this Agreement shall prevent the Company from consummating a transaction in which another entity acquires it through a merger or similar transaction.

8. **Severability.** In the event any parts of this Agreement are found to be illegal, unenforceable or void, the remaining provisions of this Agreement shall nevertheless be binding with the same effect as though the illegal, unenforceable or void parts were deleted.

9. **Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument. The execution of this Agreement may be by actual, facsimile or “.pdf” signature.

10. **Benefit.** This Agreement shall be binding upon and inure to the benefit of the parties hereto and their legal representatives, successors and assigns.

11. **Notices and Addresses.** All notices, approvals, requests, demands and other communications hereunder shall be delivered or made in the manner set forth in, and shall be effective in accordance with the terms of, the Purchase Agreement.

12. **Attorneys’ Fees.** In the event that there is any controversy or claim arising out of or relating to this Agreement, or to the interpretation, breach or enforcement thereof, and any action or proceeding relating to this Agreement is filed, the prevailing party shall be entitled to an award by the court of reasonable attorneys’ fees, costs and expenses.

13. **Entire Agreement; Oral Evidence.** This Agreement constitutes the entire Agreement between the parties and supersedes all prior oral and written agreements between the parties hereto with respect to the subject matter hereof. Neither this Agreement nor any provision hereof may be changed, waived, discharged or terminated orally, except by a statement in writing signed by the party or parties against which enforcement of the change, waiver discharge or termination is sought.

8

14. **Additional Documents.** The parties hereto shall execute such additional instruments as may be reasonably required by their counsel in order to carry out the purpose and intent of this Agreement and to fulfill the obligations of the parties hereunder.

15. **Governing Law.** This Agreement and any dispute, disagreement, or issue of construction or interpretation arising hereunder whether relating to its execution, its validity, the obligations provided herein or performance shall be governed in accordance with the Purchase Agreement.

16. **Section or Paragraph Headings.** Section headings herein have been inserted for reference only and shall not be deemed to limit or otherwise affect, in any matter, or be deemed to interpret in whole or in part any of the terms or provisions of this Agreement.

[Signature Page Follows]

9

IN WITNESS WHEREOF, each of the parties hereto has caused this Agreement to be executed personally or by a duly authorized representative thereof as of the day and year first above written.

Company:

Atlis Motor Vehicles, Inc.

By: _____

Name:

Title:

Investors:

By: _____

Name:

Title:

By: _____

Name:

Title:

[Signature Page to Registration Rights Agreement]

Cover [Abstract]

<u>Document Type</u>	8-K
<u>Amendment Flag</u>	false
<u>Document Period End Date</u>	Nov. 03, 2022
<u>Entity File Number</u>	001-41509
<u>Entity Registrant Name</u>	Atlis Motor Vehicles, Inc.
<u>Entity Central Index Key</u>	0001722969
<u>Entity Tax Identification Number</u>	81-4308534
<u>Entity Incorporation, State or Country Code</u>	DE
<u>Entity Address, Address Line One</u>	1828 N. Higley Rd. Ste 116
<u>Entity Address, City or Town</u>	Mesa
<u>Entity Address, State or Province</u>	AZ
<u>Entity Address, Postal Zip Code</u>	85205
<u>City Area Code</u>	(602)
<u>Local Phone Number</u>	309-5425
<u>Written Communications</u>	false
<u>Soliciting Material</u>	false
<u>Pre-commencement Tender Offer</u>	false
<u>Pre-commencement Issuer Tender Offer</u>	false
<u>Title of 12(b) Security</u>	Class A Common Stock, par value \$0.0001 per share
<u>Trading Symbol</u>	AMV
<u>Security Exchange Name</u>	NASDAQ
<u>Entity Emerging Growth Company</u>	true
<u>Elected Not To Use the Extended Transition Period</u>	false

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