

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 10, 2016

Reign Sapphire Corporation

(State or other jurisdiction of incorporation)

Delaware
(State or other jurisdiction
of incorporation)

333-204486
(Commission file Number)

47-2573116
(IRS Employer
Identification No.)

9465 Wilshire Boulevard, Beverly Hills, CA
(Address of principal executive offices)

90212
(Zip Code)

Registrant's telephone number, including area code: **(213) 457-3772**

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

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

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
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Item 1.01. Entry into a Material Definitive Agreement.

Issuance of Incentive Shares, Notes and Warrants Pursuant to Subsequent Closing

On December 23, 2015, Reign Sapphire Corporation (the “Company”) entered into a Securities Purchase Agreement (the “Initial Purchase Agreement”) with respect to the sale and issuance to certain institutional investors of up to (i) 2,500,043 shares of the Company’s Common Stock (the “Initial Incentive Shares”); (ii) \$862,500 aggregate principal amount of Secured Convertible Notes (the “Initial Notes”) and (iii) Common Stock Purchase Warrants to purchase up to an aggregate of 7,187,542 shares of the Company’s Common Stock (the “Initial Warrants”). The transaction closed on December 23, 2015 (the “Initial Closing Date”). The material terms and conditions of the transaction were described in, and copies of the full text of those documents were filed with, the Company’s Current Report on Form 8-K filed with the Securities and Exchange Commission (“Commission”) on December 24, 2015.

The terms of the Initial Purchase Agreement provided that until two years after the Initial Trading Day (as defined in the Initial Purchase Agreement), but not later than three years after the Initial Closing Date (December 23, 2015), the purchasers may require a Closing for up to an additional Subscription Amount equal to the Subscription Amount paid on the Initial Closing Date on the same terms and conditions as the Initial Closing.

On November 10, 2016, pursuant to a partial exercise of the Subsequent Closing provision of the Initial Purchase Agreement, the Company entered into a subsequent Securities Purchase Agreement (the “Purchase Agreement”) with respect to the sale and issuance to certain institutional investors of (i) 833,334 shares of the Company’s Common Stock (the “Incentive Shares”); (ii) \$287,502 aggregate principal amount of Secured Convertible Notes (the “Notes”) and (iii) Common Stock Purchase Warrants to purchase up to an aggregate of 2,395,850 shares of the Company’s Common Stock (the “Warrants”). The Incentive Shares, Notes and Warrants were issued as of November 10, 2016 (the “Issue Date”). Purchasers received (i) Incentive Shares at the rate of 2.8986 Incentive Shares for each \$1.00 of Note principal issued to such Purchaser; (ii) a Note with a principal amount of \$1.00 for each \$0.86956 for each \$1.00 paid by each purchaser for such purchaser’s Note; and (iii) Warrants to purchase up to a number of shares of Common Stock equal to 100% of such purchaser’s Note principal amount divided by \$0.12, the conversion price in effect on the Subsequent Closing Date, with a per share exercise price equal to \$0.30, subject to adjustment. The aggregate cash subscription amount received by the Company from the purchasers for the issuance of the Incentive Shares, Notes and Warrants was \$250,000 (the “Subscription Amount”). This summary is not a complete description of all of the terms of the Purchase Agreement and is qualified in its entirety by reference to the full text of the Purchase Agreement filed as Exhibit 10.1 hereto, which is incorporated by reference into this Item 1.01.

Terms of Notes; Collateral and Guarantees; Optional Redemption

The Notes mature on May 10, 2018, eighteen (18) months after the Issue Date, and provide for interest to accrue at an interest rate equal to the lesser of 15% per annum or the maximum rate permitted under applicable law after the occurrence of any event of default as provided in the Notes. At any time after the Issue Date, the holders, at their option, may convert the outstanding principal balance and accrued interest into shares of Common Stock of the Company. The initial conversion price for the principal and interest in connection with voluntary conversions by a holder of a Note is \$0.12 per share, subject to adjustment as provided therein. Each Note, for example, is subject to adjustment upon certain events such as stock splits and has full ratchet anti-dilution protections for issuance of securities by the Company at a price that is lower than the then-current conversion price except for certain exempt issuances. Each Note also contains certain negative covenants, including prohibitions on incurrence of indebtedness, liens, charter amendments, dividends, redemption. None of the holders of the Note have the right to convert any portion of their Note if it (together with its affiliates) would beneficially own in excess of 9.99% of the number of shares of Common Stock outstanding immediately after giving effect to the exercise (the “Beneficial Ownership Limitation”). The Notes include customary events of default, including, among other things, payment defaults, covenant breaches, certain representations and warranties, certain events of bankruptcy, liquidation and suspension of the Company’s Common Stock from trading. If such an event of default occurs, the holders of the Notes may be entitled to take various actions, which may include the acceleration of amounts due under the Notes and accrual of interest as described above. As described below, the Notes are collectively collateralized by substantially all of the assets of the Company and guarantees of payment of the Notes have also been delivered by certain parties. The foregoing description is qualified in its entirety by reference to the full text of the form of Note filed as Exhibit 10.2 hereto and is incorporated by reference into this Item 1.01.

In connection with the Purchase Agreement, the security agreement, dated December 23, 2015 (the "Security Agreement") with the collateral agent for the holders of the Original Notes was amended to include the Notes. The Security Agreement provides the holders a security interest in substantially all of the assets of the Company, subject to the terms of the security agreement. This summary is not a complete description of all of the terms of the Security Agreement and is qualified in its entirety by reference to the full text of the Security Agreement included as part of the Company's Current Report on Form 8-K filed with the Commission on December 24, 2015 and are incorporated by reference to this Item 101.

In addition, pursuant to the terms of guaranty agreements, as amended, between them and the holders of the Original Notes dated December 23, 2015, Joseph Segelman, the Chief Executive Officer and President of the Company, and Australian Sapphire Corporation ("ASC"), a stockholder of the Company which is wholly-owned by Joseph Segelman, guaranteed payment of all amounts owed under the Notes, subject to the terms of such guaranty agreements. The guaranty agreement delivered by Joseph Segelman is referred to herein as the "Personal Guaranty" and the guaranty agreement delivered by ASC is referred to herein as the "Corporate Guaranty". ASC also granted the holders of the Notes a security interest in substantially all of the assets of ASC, subject to the terms of a security agreement entered into by and among the collateral agent for the holders of the Notes and ASC (the "Guarantor Security Agreement"). This summary is not a complete description of all of the terms of the agreements referred to in this paragraph and is qualified in its entirety by reference to the full text of the Corporate Guaranty, Guarantor Security Agreement and Personal Guaranty filed as Exhibits 10.4, 10.5 and 10.6 hereto, respectively, which are all included as part of the Company's Current Report on Form 8-K filed with the Commission on December 24, 2015 and are incorporated by reference into this Item 1.01.

The Notes provide that commencing six (6) months after the Original Issue Date, the Company will have the option of prepaying the outstanding principal amount of the Notes (an "Optional Redemption"), in whole or in part, by paying to the holders a sum of money in cash equal to one hundred percent (100%) of the principal amount to be redeemed, together with accrued but unpaid interest thereon, if any, and any and all other sums due, accrued or payable to the holder arising under the Note through the Redemption Payment Date (as defined below) and 2.8986 shares of Common Stock of the Company for each \$1.00 of Note principal amount being redeemed. The Company's election to exercise its Optional Redemption rights must be by notice in writing (a "Notice of Redemption") that specifies the date for such Optional Redemption (the "Redemption Payment Date"), which date shall be a date certain not sooner than thirty (30) trading days after the date of the Notice of Redemption (the "Redemption Period"). A Notice of Redemption, if given, may be given on the first Trading Day following twenty (20) consecutive Trading Days (the "Lookback Period") during which all of the "Equity Conditions", as defined in the Notes and described below, have been in effect. A Notice of Redemption shall not be effective with respect to any portion of the principal amount for which the holder has previously delivered an election to convert, or for conversions initiated or made by the holder during the Redemption Period. A Notice of Redemption is subject to certain other limitations described in the Notes and the failure of the Company to pay the Redemption Amount on the Redemption Payment Date may be deemed by the holder to be a non-curable event of default under the Notes.

As discussed above, the ability of the Company to exercise its Optional Redemption rights is subject to satisfaction of all of the "Equity Conditions", a term which is defined in the Notes to mean, during the period in question, (a) the Company shall have duly honored all conversions scheduled to occur or occurring by virtue of one or more notices of conversion of the applicable holder on or prior to the dates so requested or required, if any, (b) the Company shall have paid all liquidated damages and other amounts owing to the applicable holder in respect of the Note and the other documents executed and delivered in connection with the issuance of the Notes and as specifically defined in the Purchase Agreement (the "Transaction Documents"), (c) there is either (i) an effective registration statement pursuant to which the holders are permitted to utilize the prospectus thereunder to resell all of the shares issuable upon conversion of the Notes (the "Conversion Shares") and exercise of the Warrants (the "Warrant Shares") (and the Company believes, in good faith, that such effectiveness will continue uninterrupted for the foreseeable future), or (ii) all of the Conversion Shares and Warrant Shares (and shares issuable in lieu of cash payments of interest) may be resold pursuant to Rule 144 without volume or manner of sale restrictions or current public information requirements; and Company counsel has delivered to the Company's transfer agent and holder a standing, written unqualified opinion that resales may then be made by the holder of all of the holder's Conversion Shares and Warrant Shares pursuant to such effective registration statement, (d) the Common Stock is trading on a trading market and all of the shares issuable pursuant to the Transaction Documents are listed or quoted for trading on the trading market (and the Company believes, in good faith, that trading of the Common Stock on such trading market will continue uninterrupted for the foreseeable future), (e) there is a sufficient number of authorized, but unissued and otherwise unreserved, shares of Common Stock for the issuance of all of the shares then issuable pursuant to the Transaction Documents, (f) an Event of Default (as defined in the Notes) has not occurred, whether or not such Event of Default has been cured, (g) there is no existing event which, with the passage of time or the giving of notice, would constitute an Event of Default, (h) the issuance of the shares in question to the applicable holder would not exceed the Beneficial Ownership Limitation, (i) there has been no public announcement of a pending or proposed Fundamental Transaction or Change of Control Transaction (each as defined in the Notes) that has not been consummated, and (j) the applicable holder is not in possession of any information provided by Borrower that constitutes, or may constitute, material non-public information.

Terms of Warrants

As described above, holders of the Notes received Warrants to purchase up to a number of shares of Common Stock equal to 100% of such holder's Note principal amount divided by \$0.12, which is the conversion price of the Notes in effect on the Subsequent Closing Date. The initial exercise price for the Warrants is \$0.30 per share, subject to adjustment as described below, and the Warrants are exercisable for five years after the Initial Trading Date, which is defined in the Initial Purchase Agreement as the third day on which the Common Stock of the Company actually trades on a Trading Market (as defined in the Initial Purchase Agreement) with at least two market makers. The Warrants are exercisable for shares of Common Stock upon the payment in cash of the exercise price and they are also exercisable on a cashless basis at any time there is no effective registration statement registering the shares of Common Stock underlying the Warrants. The exercise price of the Warrants is subject to adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting the Common Stock and also upon any distributions of assets, including cash, stock or other property to the Company's stockholders. The exercise price of the Warrants is also subject to full ratchet price adjustment if the Company sells or grants any option to purchase, sell or re-price any Common Stock or Common Stock Equivalents (as defined therein) at an exercise price lower than the then-current exercise price of the Warrant with the exception for certain exempted issuances and subject to certain limitations on the reduction of the exercise price as provided in the Warrants. In the event of a fundamental transaction, as described in the Warrants and generally including any reorganization, recapitalization or reclassification of the Common Stock, the sale, transfer or other disposition of all or substantially all of the Company's properties or assets, the Company's consolidation or merger with or into another person, the acquisition of more than 50% of the outstanding Common Stock, or any person or group becoming the beneficial owner of 50% of the voting power represented by the outstanding Common Stock, the holders of the Warrants will be entitled to receive upon exercise of the Warrants the kind and amount of securities, cash or other property that the holders would have received had they exercised the Warrants immediately prior to such fundamental transaction; provided that upon the occurrence of certain fundamental transactions, the holder can require the Company to purchase the Warrant for cash at a price equal to the higher of the Black Scholes Value of the unexercised portion of the Warrant or difference between the cash per share paid in the fundamental transaction and the exercise price per share. The holder of Warrants will not have the right to exercise any portion of the Warrant if the holder (together with its affiliates) would beneficially own in excess of 9.99% of the number of shares of Common Stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Warrants. The foregoing description is qualified in its entirety by reference to the full text of the form of Warrant filed as Exhibit 10.7 hereto and is incorporated by reference into this Item 1.01.

Additional Purchaser Rights and Company Obligations

The Purchase Agreement includes additional purchaser rights and Company obligations including obligations on the Company to satisfy the current public information requirements under SEC Rule 144(c); obligations on the Company with respect to the use of proceeds from the sale of securities under the Purchase Agreement; purchaser rights to approve certain subsequent equity sales by the Company; purchaser rights to participate in future Company financings; and piggy-back registration rights in favor of the purchasers. Reference should be made to the full text of the Purchase Agreement filed as Exhibit 10.1 hereto, which is incorporated by reference into this Item 1.01.

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

The information contained in Item 1.01 is incorporated herein by reference.

The Notes mature on May 10, 2018, eighteen (18) months after the Issue Date, and provide for interest to accrue at an interest rate equal to the lesser of 15% per annum or the maximum rate permitted under applicable law after the occurrence of any event of default as provided in the Notes. At any time after the Issue Date, the holders, at their option, may convert the outstanding principal balance and accrued interest into shares of Common Stock of the Company. The initial conversion price for the principal and interest in connection with voluntary conversions by a holder of a Note is \$0.12 per share, subject to adjustment as provided therein. Each Note, for example, is subject to adjustment upon certain events such as stock splits and has full ratchet anti-dilution protections for issuance of securities by the Company at a price that is lower than the then-current conversion price except for certain exempt issuances. Each Note also contains certain negative covenants, including prohibitions on incurrence of indebtedness, liens, charter amendments, dividends, redemption. None of the holders of the Note have the right to convert any portion of their Note if it (together with its affiliates) would beneficially own in excess of 9.99% of the number of shares of Common Stock outstanding immediately after giving effect to the exercise (the "Beneficial Ownership Limitation"). The Notes include customary events of default, including, among other things, payment defaults, covenant breaches, certain representations and warranties, certain events of bankruptcy, liquidation and suspension of the Company's Common Stock from trading. If such an event of default occurs, the holders of the Notes may be entitled to take various actions, which may include the acceleration of amounts due under the Notes and accrual of interest as described above. As described below, the Notes are collectively collateralized by substantially all of the assets of the Company and guarantees of payment of the Notes have also been delivered by certain parties. The foregoing description is qualified in its entirety by reference to the full text of the form of Note filed as Exhibit 10.2 hereto and is incorporated by reference into this Item 2.03.

In connection with the Initial Purchase Agreement, the Company also entered into a security agreement, dated December 23, 2015 (the "Security Agreement") with the collateral agent for the holders of the Notes. The Security Agreement has been amended to include the Initial Notes, as well as the Notes, and provides the holders a security interest in substantially all of the assets of the Company, subject to the terms of the security agreement. This summary is not a complete description of all of the terms of the Security Agreement and is qualified in its entirety by reference to the full text of the Security Agreement filed as Exhibit 10.3 as part of the Company's Current Report on Form 8-K filed with the Commission on December 24, 2015, which is incorporated by reference into this Item 2.03.

See Item 1.01 for a description of the Company's Optional Redemption rights with respect to the Notes.

Item 3.02 Unregistered Sales of Equity Securities.

The information contained in Item 1.01 is incorporated herein by reference.

The Incentive Shares, Notes and Warrants issued by the Company pursuant to the terms of the Purchase Agreement were not registered under the Securities Act of 1933, as amended (the "Securities Act"), or the securities laws of any state, and were offered and sold in reliance on the exemption from registration afforded by Section 4(a)(2) and Regulation D (Rule 506) under the Securities Act and corresponding provisions of state securities laws, which exempt transactions by an issuer not involving any public offering. No general solicitation or general advertising was used in connection with the offering of the Incentive Shares, Notes and Warrants. The investors are "accredited investors" as such term is defined in Regulation D promulgated under the Securities Act. This Current Report on Form 8-K shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall such securities be offered or sold in the United States absent registration or an applicable exemption from the registration requirements. The Company disclosed to the investors, and the investors acknowledged, that the Incentive Shares, Notes, Warrants and all shares of underlying Common Stock of the Company could not be sold unless they are registered under the Securities Act or unless an exemption from registration is available, and the certificates or instruments representing the Incentive Shares, Notes and Warrants included, and the certificates representing the common stock to be issued upon conversion or exercise of the Notes and Warrants will include, a legend to that effect.

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

Effective as of November 3, 2016, the board of directors of the Company approved the amendment and restatement of the Company's 2015 Equity Incentive Plan (the "Amended and Restated Plan") to increase the number of shares of Common Stock authorized for issuance thereunder from 14,000,000 to 20,000,000. No other changes were made to the Amended and Restated Plan, the full text of which is filed as Exhibit 10.8 hereto and is incorporated by reference into this Item 5.02.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

In reviewing the agreements included or incorporated by reference as exhibits to this Current Report on Form 8-K, please remember that they are included to provide you with information regarding their terms and are not intended to provide any other factual or disclosure about the Company or the other parties to the agreements. The agreements may contain representations and warranties by each of the parties to the applicable agreement. These representations and warranties have been made solely for the benefit of the parties to the applicable agreement and accordingly, these representations and warranties may not describe the actual state of affairs as of the date they were made or at any other time. Additional information about the Company may be found elsewhere in this Current Report on Form 8-K and in our other public filings, which are available without charge through the SEC's website at <http://www.sec.gov>.

<u>Exhibit Number</u>	<u>Description</u>
10.1	Securities Purchase Agreement dated November 10, 2016.
10.2	Form of Secured Convertible Note issued under the Securities Purchase agreement included as Exhibit 10.1.
10.3	Security Agreement dated December 23, 2015 by and among the Company and the Collateral Agent and Secured parties defined and identified therein (incorporated by reference to Exhibit 10.3 of our Form 8-K (File No. 333-204486) filed with the Securities and Exchange Commission on December 24, 2015).
10.4	Corporate Guaranty dated December 23, 2015 entered into by Australian Sapphire Corporation as guarantor for the benefit of the Collateral Agent and the Lenders defined and identified therein (incorporated by reference to Exhibit 10.4 of our Form 8-K (File No. 333-204486) filed with the Securities and Exchange Commission on December 24, 2015).
10.5	Guarantor Security Agreement dated as December 23, 2015 by and among Australian Sapphire Corporation as guarantor and the Collateral Agent and Secured Parties defined and identified therein delivered in connection with the Corporate Guaranty included as Exhibit 10.4 (incorporated by reference to Exhibit 10.5 of our Form 8-K (File No. 333-204486) filed with the Securities and Exchange Commission on December 24, 2015).
10.6	Personal Guaranty dated as December 23, 2015 entered into by Joseph Segelman as guarantor for the benefit of the Collateral Agent and the Lenders defined and identified therein (incorporated by reference to Exhibit 10.6 of our Form 8-K (File No. 333-204486) filed with the Securities and Exchange Commission on December 24, 2015).
10.7	Form of Common Stock Purchase Warrant issued under the Securities Purchase Agreement included as Exhibit 10.1.
10.8	2015 Equity Incentive Plan, as amended and currently in effect.

SIGNATURES

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

REIGN SAPPHIRE CORPORATION

Date: November 14, 2016

By: /s/ Joseph Segelman

Joseph Segelman, Chief Executive Officer

SECURITIES PURCHASE AGREEMENT

This Securities Purchase Agreement (this "Agreement") is dated as of November 10, 2016, between Reign Sapphire Corporation, a Delaware corporation (the "Company"), and each purchaser identified on the signature pages hereto (each, including its successors and permitted assigns, a "Purchaser" and collectively, the "Purchasers").

WHEREAS, as of December 23, 2015, the Company and Purchasers entered into a Securities Purchase Agreement (amended pursuant to a Consent, Waiver and Modification Agreement entered into as of October 13, 2016), substantially similar to this Agreement, pursuant to which the Purchasers were granted the right to acquire Securities and the Company and Purchasers intend to effectuate the partial exercise of such right; and

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended (the "Securities Act"), and Rule 506 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 (the "Offering").

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.

"Board of Directors" means the board of directors of the Company.

"Business Day" means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are required by law or other governmental action to close.

"Buy-In" shall have the meaning ascribed to such term in Section 4.1(h).

"Closing" means the purchase and sale of the Securities pursuant to Section 2.1.

"Closing Date" means the Business 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 Purchasers' obligation to pay the Subscription Amount at such Closing, and (ii) the Company's obligations to deliver the Securities to be issued and sold at such Closing, in each case, have been satisfied or waived, but in no event later than the tenth Business Day following the date hereof.

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

“Common Stock” means the 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, Bart and Associates, LLC, 8400 East Prentice Avenue, Suite 1500, Greenwood Village, CO 80111, Attn: Ken Bart, Esq., Fax: (720) 528-7765.

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

“Corporate Guarantor” means Australian Sapphire Corporation, a California corporation.

“Corporate Guaranty” means the Corporate Guaranty delivered by Corporate Guarantor to Purchasers in connection with the Initial Funding.

“DGCL” means the Delaware General Corporation Law.

“Disclosure Schedules” means the Disclosure Schedules of the Company delivered concurrently herewith.

“Effective Date” means the earliest of the date that (a) the Registration Statement has been declared effective by the Commission, or (b) (i) all of the Underlying Shares have been sold pursuant to Rule 144, or (ii) may be sold by the holders thereof pursuant to Rule 144 without the requirement for the Company to be in compliance with the current public information required under Rule 144 and without volume or manner-of-sale restrictions, and (c) Company counsel has delivered to the Transfer Agent and holders a standing written unqualified opinion that resales may then be made by such holders of the Underlying Shares pursuant to an effective Registration Statement or the exemption described in (b)(ii) above, which opinion shall be in form and substance reasonably acceptable to such holders.

“Escrow Agreement” means the escrow agreement to be employed in connection with the sale of the Securities, a copy of which is annexed hereto as Exhibit C.

“Equity Line of Credit” shall have the meaning ascribed to such term in Section 4.13.

“Event of Default” shall have the meaning ascribed thereto in the Note.

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

“Exempt Issuance” means the issuance of (a) shares of Common Stock and options to officers, directors, or employees of the Company, prior to and after the Closing Date up to the amounts and on the terms set forth on Schedule 3.1(g) consistent with past practices, (b) securities upon the exercise or exchange of or conversion of any Securities issued hereunder (subject to adjustment for forward and reverse stock splits and the like that occur after the date hereof) and/or other securities exercisable or exchangeable for or convertible into shares of Common Stock issued and outstanding on the date of this Agreement, provided that such securities and any term thereof have not been amended since the date of this Agreement to increase the number of such securities or to decrease the issue price, exercise price, exchange price or conversion price of such securities and which securities and the principal terms thereof are set forth on Schedule 3.1(g), and described in the SEC Reports filed not later than ten (10) days before the Closing Date, (c) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a Person (or to the equityholders 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 be intended to provide to the Company substantial additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities, (d) securities issuable pursuant to, and in accordance with the terms and conditions set forth in the Stock Option Plans as are consistent with past practices and approved by a majority of the disinterested directors of the Company, not in excess of the amounts as set forth on Schedule 3.1(g), and (e) securities issued or issuable pursuant to the Initial Securities Purchase Agreement, this Agreement, the Notes or the Warrants, or upon exercise or conversion of any such securities.

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

“Form 8-K” shall have the meaning ascribed to such term in Section 4.6.

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

“G&M” shall mean Grushko & Mittman, P.C., with offices located at 515 Rockaway Avenue, Valley Stream, New York 11581, Fax: 212-697-3575.

“Guarantor Security Agreement” means the security agreement entered into by Corporate Guarantor in connection with the Initial Funding.

“Incentive Shares” shall have the meaning ascribed to such term in Section 2.1.

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

“Initial Funding” means the transactions among the Company, Purchasers, Corporate Guarantor, Personal Guarantor and Alpha Capital Anstalt as Collateral Agent, which closed on December 23, 2015 pursuant to the Initial Funding Transaction Documents.

“Initial Funding Transaction Documents” means the Initial Funding Securities Purchase Agreement, the Notes and Warrants issued in connection with the Initial Funding, Security Agreement, Guarantor Security Agreement, Corporate Guaranty and Personal Guaranty.

“Initial Securities Purchase Agreement” means the amended Securities Purchase Agreement in connection with the Initial Funding.

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

“Legal Opinion” shall have the meaning ascribed to such term in Section 2.2(a)(ii).

“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.

“Listing Default” shall have the meaning ascribed to such term in Section 4.11(c).

“Majority in Interest” shall have the meaning ascribed to such term in Section 5.5.

“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.

“Money Laundering Laws” shall have the meaning ascribed to such term in Section 3.1(gg).

“Notes” means the senior secured convertible notes issuable pursuant to this Agreement, in the form of Exhibit A hereto.

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

“Permitted Indebtedness” means (a) any liabilities for borrowed money or amounts owed not in excess of \$100,000 in the aggregate (other than trade accounts payable incurred in the ordinary course of business), (b) 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) not affecting more than \$100,000 in the aggregate, except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business; and (c) the present value of any lease payments not in excess of \$100,000 due under leases required to be capitalized in accordance with GAAP.

“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.

“Personal Guarantor” means Joseph Segelman.

“Personal Guaranty” means the Personal Guaranty delivered by Personal Guarantor to Purchasers in connection with the Initial Funding.

“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(e).

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

“Registration Expenses” shall have the meaning ascribed to such term in Section 4.27.

“Registration Statement” means an effective registration statement covering the resale of all of the Underlying Shares and Incentive Shares by each Purchaser and for which all State blue sky filings reasonably requested by each Purchaser have been made.

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

“Required Minimum” means, as of any date, 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, ignoring any conversion or exercise limits set forth therein, and assuming that any previously unconverted Notes will be held until the third anniversary of the issue date of such Notes.

“Rule 144” means Rule 144 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.

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

“Securities” means the Notes, the Warrants, the Incentive 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 entered into by the Company in connection with the Initial Funding.

“Selling Expenses” shall have the meaning ascribed to such term in Section 4.27.

“Short Sales” means “short sales” as defined in Rule 200 of Regulation SHO under the Exchange Act (but shall not be deemed to include the location and/or reservation of borrowable shares of Common Stock).

“Stock Option Plan” means the Company’s 2015 Equity Incentive Plan, a copy of which is included in the SEC Reports on the unamended terms thereof, except that the number of shares of Common Stock included in such plan may be increased to 14,000,000.

“Subscription Amount” means, as to each Purchaser, the aggregate amount to be paid for the Notes at the rate of \$0.86956 for each \$1.00 of Note Principal, Warrants at the rate of \$0.0001 per Warrant, and Incentive Shares at the rate of \$0.0001 per Incentive Share purchased hereunder on the Closing Date 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.

“Subsidiary” means with respect to any entity at any date, any direct or indirect corporation, limited or general partnership, limited liability company, trust, estate, association, joint venture or other business entity of which (A) more than 30% of (i) the outstanding capital stock having (in the absence of contingencies) ordinary voting power to elect a majority of the board of directors or other managing body of such entity, (ii) in the case of a partnership or limited liability company, the interest in the capital or profits of such partnership or limited liability company or (iii) in the case of a trust, estate, association, joint venture or other entity, the beneficial interest in such trust, estate, association or other entity business is, at the time of determination, owned or controlled directly or indirectly through one or more intermediaries, by such entity, or (B) is under the actual control of the Company.

“Termination Date” shall have the meaning ascribed to such term in Section 2.1.

“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 MKT, the NASDAQ Capital Market, the NASDAQ Global Market, the NASDAQ Global Select Market, the New York Stock Exchange, the OTC Bulletin Board, the OTCQB, or the OTCQX (or any successors to any of the foregoing). As of the Closing Date, the OTCQB is the Trading Market.

“Transaction Documents” means this Agreement, the Security Agreement, the Notes, the Warrants, the Incentive Shares, the Security Agreement, the Guarantor Security Agreement, Personal Guaranty, Corporate Guaranty, the Escrow 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 VStock Transfer Agents, maintaining an address at 18 Lafayette Place, Woodmere, New York 11598, and any successor transfer agent of the Company.

“Underlying Shares” means the shares of Common Stock issued and issuable upon conversion of the Notes and upon exercise of the Warrants and issued and issuable in lieu of the cash payment of interest on the Notes in accordance with the terms of the Notes and any other shares of Common Stock issued or issuable to a Purchaser in connection with or pursuant to the Securities or Transaction Documents.

“Unlegended Shares” shall have the meaning ascribed to such term in Section 4.1(d).

“Variable Priced Equity Linked Instruments” shall have the meaning ascribed to such term in Section 4.13.

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

“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 City time) to 4:02 p.m. (New York City time)), (b) if any of the NASDAQ markets or exchanges is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the OTC Bulletin Board, (c) if the Common Stock is not then listed or quoted for trading on the OTC Bulletin Board and if prices for the Common Stock are then reported on the OTCQX, OTCQB or OTC Pink Marketplace maintained by the OTC Markets Group, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the volume weighted average price of the Common Stock on the first such facility (or a similar organization or agency succeeding to its functions of reporting prices), 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 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 Sections 2.2(a) hereof, in the form of Exhibit B attached hereto.

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

ARTICLE II. PURCHASE AND SALE

2.1 Closing. On the 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 \$250,000 principal amount of Notes, Warrants as determined pursuant to Section 2.2(a), and Incentive Shares in the amount determined pursuant to Section 2.2(a) (“Incentive Shares”) (such purchase and sale being the “Closing”). Each Purchaser shall deliver to the Escrow Agent such Purchaser’s Subscription Amount, and the Company shall deliver to each Purchaser its respective Note, Warrants and Incentive Shares, and the Company and each Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Closing. Upon satisfaction of the covenants and conditions set forth in Sections 2.2 and 2.3, the Closing shall occur at the offices of G&M or such other location as the parties shall mutually agree. Notwithstanding anything herein to the contrary, the Closing Date shall occur on or before November 30, 2016 (the “Termination Date”). If the Closing is not held on or before the Termination Date, the Company shall cause all Transaction Documents and funds to be returned, without interest or deduction to each of the Company or Purchaser who delivered same to the Escrow Agent. The Closing represents the partial exercise by Purchasers of their rights pursuant to Section 2.4 of the Initial Securities Purchase Agreement.

NO MINIMUM NUMBER OF SHARES AND WARRANTS MUST BE SOLD IN ORDER FOR THE COMPANY TO ACCEPT ANY SUBSCRIPTIONS, AND ALL NET PROCEEDS OF THE OFFERING WILL BE IMMEDIATELY AVAILABLE FOR COMPANY PURPOSES.

2.2 Deliveries.

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

- (i) this Agreement duly executed by the Company, Corporate Guarantor and Personal Guarantor;
 - (ii) a legal opinion of Company Counsel, substantially in the form of Exhibit D attached hereto;
 - (iii) a Note with a principal amount of \$1.00 for each \$0.86956 paid by each Purchaser for such Purchaser's Note, registered in the name of such Purchaser;
 - (iv) Warrants in the form of Exhibit B registered in the name of such Purchaser to purchase up to a number of shares of Common Stock equal to 100% of such Purchaser's Note principal amount divided by the Conversion Price in effect on the Closing Date with a per share exercise price equal to \$0.30, subject to adjustment as provided therein;
 - (v) Incentive Shares at the rate of 2.8986 Incentive Shares for each \$1.00 of Note principal issued to such Purchaser;
 - (vi) the Escrow Agreement duly executed by the Company and Escrow Agent;
 - (vii) a certificate of the Principal Executive Officer and Chief Executive Officer (each as defined in the Exchange Act) of the Company, dated as of the Closing Date, in which such officer shall certify that, to the best of his knowledge, the conditions set forth in Section 2.3(b) have been fulfilled; and
 - (viii) Secretary's certificate containing (i) copies of the text of the resolutions by which the corporate action on the part of the Company necessary to approve this Agreement and the other Transaction Documents and the transactions and actions contemplated hereby and thereby, which shall be accompanied by a certificate of the corporate secretary or assistant corporate secretary of Company dated as of the Closing Date certifying to the Purchasers that such resolutions were duly adopted and have not been amended or rescinded, and (ii) an incumbency certificate dated as of the Closing Date executed on behalf of Company by its corporate secretary or one of its assistant corporate secretaries certifying the office of each officer of Company executing this Agreement, or any other agreement, certificate or other instrument executed pursuant hereto.
- (b) On or prior to the Closing Date, each Purchaser shall deliver or cause to be delivered to the Company the following:
- (i) this Agreement duly executed by such Purchaser;
 - (ii) such Purchaser's Subscription Amount by wire transfer or as otherwise permitted under the Escrow Agreement, to the Escrow Agent; and
 - (iii) the Escrow Agreement duly executed by such Purchaser.

2.3 Closing Conditions.

- (a) The obligations of the Company hereunder to effect the Closing are subject to the following conditions being met:

(i) the accuracy in all material respects (determined without regard to any materiality, Material Adverse Effect or other similar qualifiers therein) on the 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 required to be performed at or prior to the Closing Date shall have been performed;

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

(iv) a Purchaser's Subscription Amount shall have been deposited with the Escrow Agent.

(b) The respective obligations of a Purchaser hereunder to effect the Closing, unless waived by such Purchaser, are subject to the following conditions being met:

(i) the accuracy in all material respects (determined without regard to any materiality, Material Adverse Effect or other similar qualifiers therein) on the 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 the Initial Closing Date shall have been performed;

(iii) no Event of Default (as defined in the Initial Transaction Documents) shall have occurred under the Initial Transaction Documents;

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

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

(vi) from the date hereof to the Closing Date, trading in the Common Stock shall not have been suspended by the Commission, and, at any time prior to the 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 the Closing.

**ARTICLE III.
REPRESENTATIONS AND WARRANTIES**

3.1 Representations and Warranties of the Company. Except as set forth in the SEC Reports or the Disclosure Schedules, which Disclosure Schedules shall be deemed a part hereof and shall qualify any representation made herein only 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:

(a) Subsidiaries. All of the direct and indirect subsidiaries of the Company and the Company's ownership interests therein 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 Subsidiary free and clear of any Liens, 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 relevant to any component of this Agreement as of a relevant time, then such reference shall not be applicable at such time.

(b) Organization and Qualification. The Company and each of the Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted. 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, 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. 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 stockholders 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 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.

(d) No Conflicts. The execution, delivery and performance by the Company of this Agreement and the other Transaction Documents, the issuance and sale of the Securities and the consummation by it of the transactions contemplated hereby and thereby to which it is a party 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, (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, acceleration, adjustment, exchange, reset, exercise or cancellation (with or without notice, lapse of time or both) of, any agreement, credit facility, debt, equity or other instrument (evidencing Company or Subsidiary equity, 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) 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 clause (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, and (ii) the filing of Form D with the Commission and such filings as are required to be made under applicable state securities laws (collectively, the "Required Approvals").

(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. 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 is as set forth in Schedule 3.1(g). 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 Stock Option Plan, the issuance of shares of Common Stock to employees pursuant to the Stock Option Plan 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 as set forth on Schedule 3.1(g). 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 disclosed on Schedule 3.1(g), there are no outstanding options, employee or incentive stock option plans, warrants, scrip rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire any shares of Common Stock, or contracts, commitments, understandings or arrangements by which the Company or any Subsidiary is or may become bound to issue additional shares of Common Stock or Common Stock Equivalents. Except as set forth on Schedule 3.1(g), the issuance and sale of the Securities will not obligate the Company to issue shares of Common Stock or other securities to any Person (other than the Purchasers) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities. All of the outstanding shares of capital stock of the Company are duly authorized, validly issued, fully paid and nonassessable, have been issued in material 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 stockholders agreements, voting agreements or other similar agreements with respect to the Company's capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company's stockholders.

(h) SEC Reports: Financial Statements. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities Act and the Exchange Act, if any, including pursuant to Section 13(a) or 15(d) thereof, preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) and registration statements filed with the Commission and available on EDGAR (the foregoing materials filed not later than ten (10) days before the date of this Agreement including the Form S-1, and 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 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 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. The Company is, and has no reason to believe that it will not in the foreseeable future continue to be in compliance with all its reporting requirements under the Securities Act and Exchange Act.

(i) Material Changes: Undisclosed Events, Liabilities or Developments. Since the date of the latest audited financial statements included within the SEC Reports, except as specifically disclosed in a subsequent SEC Report filed prior to the date hereof or 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 material 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, (iv) the Company has not declared or made any dividend or distribution of cash or other property to its stockholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock and (v) the Company has not issued any equity securities to any officer, director or Affiliate except pursuant to the existing Stock Option Plan as set forth on Schedule 3.1(i). The Company does not have pending before the Commission any request for confidential treatment of information. 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, 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 two Trading Days prior to the date that this representation is made.

(j) Litigation. Except as set forth in the SEC Reports, 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”) which (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. Except as set forth in the SEC Reports, 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. Except as set forth in the SEC Reports, 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. 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. To the Company’s knowledge, neither the Company nor any Subsidiary, except as disclosed on Schedule 3.1(l): (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) 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.

(n) Title to Assets. Except as disclosed on Schedule 3.1(n), the Company and the Subsidiaries have good and marketable title in fee simple to all real property (if any) owned by them and good and marketable title in all personal property (including domain names) 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 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.

(o) Intellectual Property. All of the Company's and Subsidiary's Intellectual Property Rights are described in the SEC Reports.

(i) The term "Intellectual Property Rights" means:

1. the name of the Company and each Subsidiary, all fictional business names, trading names, registered and unregistered trademarks, service marks, and applications of the Company and each Subsidiary (collectively, "Marks");
2. all patents and patent applications of the Company and each Subsidiary (collectively, "Patents");
3. all copyrights in both published works and unpublished works of the Company and each Subsidiary (collectively, "Copyrights");
4. all rights in mask works of the Company and each Subsidiary (collectively, "Rights in Mask Works"); and
5. all know-how, trade secrets, confidential information, customer lists, software, technical information, data, process technology, plans, drawings, and blue prints (collectively, "Trade Secrets"); owned, used, or licensed by the Company and each Subsidiary as licensee or licensor.

(i i) Agreements. Except as set forth in the SEC Reports, there are no outstanding and, to Company's knowledge, no threatened disputes or disagreements with respect to any agreements relating to any Intellectual Property Rights to which the Company is a party or by which the Company is bound.

(iii) Know-How Necessary for the Business Except as set forth in the SEC Reports, the Intellectual Property Rights are all those necessary for the operation of the Company's businesses as it is currently conducted or as represented, in writing, to the Purchaser to be conducted. The Company is the owner of all right, title, and interest in and to each of the Intellectual Property Rights, free and clear of all Liens, and adverse claims, and has the right to use all of the Intellectual Property Rights. To the Company's knowledge, no employee of the Company has entered into any contract that restricts or limits in any way the scope or type of work in which the employee may be engaged or requires the employee to transfer, assign, or disclose information concerning his work to anyone other than of the Company.

(iv) Patents. The Company owns no Patents and has no patents pending.

(v) Trademarks. The Company is the owner of all right, title, and interest in and to each of the Marks, free and clear of all Liens and other adverse claims. All Marks that have been registered with the United States Patent and Trademark Office are currently in compliance with all formal legal requirements (including the timely post-registration filing of affidavits of use and incontestability and renewal applications), are valid and enforceable, and are not subject to any maintenance fees or taxes or actions falling due within ninety days after the Closing Date. No Mark has been or is now involved in any opposition, invalidation, or cancellation and, to the Company's knowledge, no such action is threatened with respect to any of the Marks. To the Company's knowledge: (1) there is no potentially interfering trademark or trademark application of any third party, and (2) no Mark is infringed or has been challenged or threatened in any way. To the Company's knowledge, none of the Marks used by the Company infringes or is alleged to infringe any trade name, trademark, or service mark of any third party.

(vi) Copyrights. The Company owns no Copyrights.

(vii) Trade Secrets. With respect to each Trade Secret, the documentation relating to such Trade Secret is current, accurate, and sufficient in detail and content to identify and explain it and to allow its full and proper use without reliance on the knowledge or memory of any individual. The Company has taken all reasonable precautions to protect the secrecy, confidentiality, and value of its Trade Secrets. The Company has good title and an absolute (but not necessarily exclusive) right to use the Trade Secrets. The Trade Secrets are not part of the public knowledge or literature, and, to the Company's knowledge, have not been used, divulged, or appropriated either for the benefit of any Person (other the Company) or to the detriment of the Company. No Trade Secret is subject to any adverse claim or has been challenged or threatened in any way.

(p) 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. 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.

(q) Transactions With Affiliates and Employees. Except as set forth in the SEC Reports, 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 \$50,000 other than for: (i) payment of salary or consulting fees for services rendered, (ii) reimbursement for expenses incurred on behalf of the Company or any Subsidiary, and (iii) other employee benefits, including stock option agreements under any stock option plan of the Company except as disclosed in the SEC Reports.

(r) Sarbanes-Oxley: Internal Accounting Controls. Except as set forth on Schedule 3.1(r), the Company and the Subsidiaries are in material compliance with any and all applicable requirements of the Sarbanes-Oxley Act of 2002 that are effective as of the date hereof and applicable to the Company, and any and all applicable rules and regulations promulgated by the Commission thereunder that are effective as of the date hereof and as of each Closing Date. Except as set forth on Schedule 3.1(r), 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.

(s) Certain Fees. No brokerage, finder's fees, commissions or due diligence fees are or will be payable by the Company or any Subsidiary to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by the Transaction Documents. The Purchasers shall have no obligation with respect to any such 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(s) that may be due in connection with the transactions contemplated by the Transaction Documents.

(t) 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.

(u) Registration Rights. 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 Subsidiary, except for the Purchasers and as set forth in the SEC Reports.

(v) Reporting Company/Shell Company. The Company is an “emerging growth company” as defined in the JOBS Act of 2012 and a publicly reporting company subject to reporting obligations pursuant to Sections 12(b) and 13 of the Exchange Act. Pursuant to the provisions of the Exchange Act, the Company has timely filed all reports and other materials required to be filed by the Company thereunder with the Commission during the preceding twelve months. The Company has no reason to believe that it will not in the year following the Closing Date continue to be in compliance with all listing and reporting requirements applicable to the Company as of the Closing Date. As of each Closing Date, the Company is not a “shell company” (as defined in Rule 405 of the Securities Act) and has never been a “shell company”.

(w) Application of Takeover Protections. The Company and the Board of Directors will have taken as of the Closing Date 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) and the laws of the State of Delaware that are 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.

(x) 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, when taken together as a whole, is true and correct 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 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 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.

(y) No Integrated Offering. Assuming the accuracy of the Purchasers’ 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 the 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. Neither the Company nor any Subsidiary is in default with respect to any Indebtedness.

(z) Solvency. Based on the consolidated financial condition of the Company as of each Closing Date, and the Company's good faith estimate of the fair market value of its assets, 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 the Closing Date. Schedule 3.1(z) 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 \$50,000 in the aggregate (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 \$50,000 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.

(aa) 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.

(b b) 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.

(cc) Accountants and Lawyers. The Company's accounting firm is set forth on Schedule 3.1(cc) of the Disclosure Schedules. To the knowledge and belief of the Company, 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, 2016. 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.

(dd) 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.

(ee) Acknowledgment Regarding Purchaser's Trading Activity. Anything in this Agreement or elsewhere herein to the contrary notwithstanding (except for Section 4.16 hereof), it is understood and acknowledged by the Company that: (i) none of the Purchasers has been asked by the Company to agree, nor has any Purchaser agreed, to desist from purchasing or selling, long and/or short, securities of the Company, or "derivative" securities based on securities issued by the Company or to hold the Securities for any specified term, (ii) past or future open market or other transactions by any Purchaser, specifically including, without limitation, Short Sales or "derivative" transactions, before or after the closing of this or future private placement transactions, may negatively impact the market price of the Company's publicly-traded securities, (iii) any Purchaser, and counter-parties in "derivative" transactions to which any such Purchaser is a party, directly or indirectly, may presently have a "short" position in the Common Stock and (iv) each Purchaser shall not be deemed to have any affiliation with or control over any arm's length counter-party in any "derivative" transaction. The Company further understands and acknowledges that (y) one or more Purchasers may engage in hedging activities at various times during the period that the Securities are outstanding, including, without limitation, during the periods that the value of the Underlying Shares deliverable with respect to Securities are being determined, and (z) such hedging activities (if any) could reduce the value of the existing stockholders' equity interests in the Company at and after the time that the hedging activities are being conducted. The Company acknowledges that such aforementioned hedging activities do not constitute a breach of any of the Transaction Documents.

(ff) 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.

(g g) 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, suit 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.

(hh) Stock Option Plan. Each stock option granted by the Company under the Stock Option Plan was granted (i) in accordance with the terms of such 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 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.

(ii) 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 is currently subject to any U.S. sanctions administered by the Office of Foreign Assets Control of the U.S. Treasury Department ("OFAC").

(jj) 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.

(kk) 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.

(l l) Indebtedness and Seniority. As of the date hereof, all Indebtedness and Liens of the Company and the principal terms thereof are set forth on Schedule 3.1(II). Except as set forth on Schedule 3.1(II), as of each Closing Date, no Indebtedness or other equity of the Company is or will be senior to the Notes in right of payment, whether with respect to interest or upon liquidation or dissolution, or otherwise, other than indebtedness secured by purchase money security interests (which is senior only as to underlying assets covered thereby) and capital lease obligations (which is senior only as to the property covered thereby).

(mm) FDA. The Company has no applications pending before the jurisdiction of the U.S. Food and Drug Administration ("FDA").

(nn) 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 the Purchasers a copy of any disclosures provided thereunder.

(oo) Manufacturing Regulatory Matters. The Company and its Subsidiaries have complied in all material respects with all statutes and regulations related to the research, manufacture and sale of its products to the extent applicable to the Company's and its Subsidiaries' activities. Items manufactured or under investigation by the Company and its Subsidiaries comply with all applicable manufacturing practices regulations and other requirements established by government regulators in the jurisdictions in which the Company or its Subsidiaries manufacture their products. Except as disclosed in the SEC Reports, the Company is not and its Subsidiaries are not the subject of any investigation by any competent authority with respect to the development, testing, manufacturing and distribution of their products, nor has any investigation, prosecution, or other enforcement action been threatened by any regulatory agency. Except as disclosed in the SEC Reports, neither the Company nor any of its Subsidiaries has received from any regulatory agency any letter or other document asserting that the Company or any Subsidiary has violated any statute or regulation enforced by that agency with respect to the development, testing, manufacturing and distribution of their products. To the Company's knowledge, research conducted by or for the Company and its Subsidiaries has complied in all material respects with all applicable legal requirements.

(pp) Other Covered Persons. The Company is not aware of any person that has been or will be paid (directly or indirectly) remuneration for solicitation of purchasers in connection with the sale of any Regulation D Securities.

(qq) No Outstanding Variable Priced Equity Linked Instruments. As of each Closing Date, the Company will not have outstanding nor issuable any Variable Priced Equity Linked Instruments, nor any debt or equity with anti-dilution, ratchet or reset rights.

(rr) Listing and Maintenance Requirements. The Common Stock is listed on the OTCQB under the symbol RGNP. The Company has not, since December 31, 2015, 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.

(ss) Survival. The foregoing representations and warranties shall survive the Closings.

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):

(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) Understandings or Arrangements. 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 any 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 any Notes it will be either: (i) an "accredited investor" as defined in Rule 501(a)(1), (a)(2), (a)(3), (a)(7) or (a)(8) under the Securities Act or (ii) a "qualified institutional buyer" as defined in Rule 144A(a) under the Securities Act. Such Purchaser is not required to be registered as a broker-dealer under Section 15 of the Exchange Act. Such Purchaser has the authority and is duly and legally qualified to purchase and own the Securities. Such Purchaser is able to bear the risk of such investment for an indefinite period and to afford a complete loss thereof. Such Purchaser has provided the information in the Accredited Investor Questionnaire attached hereto as Exhibit E (the "Investor Questionnaire"). The information set forth on the signature pages hereto and the Investor Questionnaire regarding such Purchaser is true and complete in all respects. Except as disclosed in the Investor Questionnaire, such Purchaser has had no position, office or other material relationship within the past three years with the Company or Persons (as defined below) known to such Purchaser to be affiliates of the Company, and is not a member of the Financial Industry Regulatory Authority or an "associated person" (as such term is defined under the FINRA Membership and Registration Rules Section 1011).

(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) Information on Company. Such Purchaser has been furnished with or has had access to the EDGAR Website of the Commission to the Company's filings made with the Commission through the tenth business day preceding the Closing Date in which such Purchaser purchases Securities hereunder. Purchasers are not deemed to have any knowledge of any information not included in the Reports unless such information is delivered in the manner described in the next sentence. In addition, such Purchaser may have received in writing from the Company such other information concerning its operations, financial condition and other matters as such Purchaser has requested, identified thereon as OTHER WRITTEN INFORMATION (such other information is collectively, the "*Other Written Information*"), and considered all factors such Purchaser deems material in deciding on the advisability of investing in the Securities. Such Purchaser was afforded (i) the opportunity to ask such questions as such Purchaser deemed necessary of, and to receive answers from, representatives of the Company concerning the merits and risks of acquiring the Securities; (ii) the right of access to information about the Company and its financial condition, results of operations, business, properties, management and prospects sufficient to enable such Purchaser to evaluate the Securities; 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 acquiring the Securities.

(f) Compliance with Securities Act; Reliance on Exemptions Such Purchaser understands and agrees that the Securities have not been registered under the 1933 Act or any applicable state securities laws, by reason of their issuance in a transaction that does not require registration under the 1933 Act, and that such Securities must be held indefinitely unless a subsequent disposition is registered under the 1933 Act or any applicable state securities laws or is exempt from such registration. Such Purchaser understands and agrees that the Securities are being offered and sold to such Purchaser in reliance on specific exemptions from the registration requirements of United States federal and state securities laws and regulations and that the Company is relying in part upon the truth and accuracy of, and such Purchaser's compliance with, the representations, warranties, agreements, acknowledgments and understandings of such Purchaser set forth herein in order to determine the availability of such exemptions and the eligibility of such Purchaser to acquire the Securities.

(g) Communication of Offer. Such Purchaser is not purchasing the Securities as a result of any "general solicitation" or "general advertising," as such terms are defined in Regulation D, which includes, but is not limited to, any advertisement, article, notice or other communication regarding the Securities published in any newspaper, magazine or similar media or on the internet or broadcast over television, radio or the internet or presented at any seminar or any other general solicitation or general advertisement.

(h) No Governmental Review. Such Purchaser understands that no United States federal or state agency or any other governmental or state agency has passed on or made recommendations or endorsement of the Securities or the suitability of the investment in the Securities nor have such authorities passed upon or endorsed the merits of the Offering.

(i) No Conflicts. The execution, delivery and performance of this Agreement and performance under the other Transaction Documents and the consummation by such Purchaser of the transactions contemplated hereby and thereby or relating hereto or thereto do not and will not (i) result in a violation of such Purchaser's charter documents, bylaws or other organizational documents, if applicable, (ii) conflict with nor constitute a default (or an event which with notice or lapse of time or both would become a default) under any agreement to which such Purchaser is a party, nor (iii) result in a violation of any law, rule, or regulation, or any order, judgment or decree of any court or governmental agency applicable to such Purchaser or its properties (except for such conflicts, defaults and violations as would not, individually or in the aggregate, have a material adverse effect on such Purchaser). Such Purchaser is not required to obtain any consent, authorization or order of, or make any filing or registration with, any court or governmental agency in order for it to execute, deliver or perform any of its obligations under this Agreement or perform under the other Transaction Documents nor to purchase the Securities in accordance with the terms hereof, provided that for purposes of the representation made in this sentence, such Purchaser is assuming and relying upon the accuracy of the relevant representations and agreements of the Company herein.

(j) Pre-Existing Relationships. The Purchaser represents and warrants that: (i) the Purchaser was contacted regarding the sale of the Securities by the Company (or an authorized agent or representative thereof) with whom the Purchaser had a prior substantial pre-existing relationship, the Purchaser is not investing in the Offering in connection with or as a result of any registration statement filed with the Commission by the Company and (ii) no Securities were offered or sold to it by means of any form of general solicitation or general advertising, and in connection therewith, the Purchaser did not (A) receive or review any advertisement, article, notice or other communication published in a newspaper or magazine or similar media or broadcast over television or radio, whether closed circuit, or generally available; or (B) attend any seminar meeting or industry investor conference whose attendees were invited by any general solicitation or general advertising; or (C) observe any website or filing of the Company with the Commission in which any offering of securities by the Company was described and as a result learned of any offering of securities by the Company.

(k) Survival. The foregoing representations and warranties shall survive the Closings.

The Company acknowledges and agrees that the representations contained in 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 transaction contemplated hereby.

ARTICLE IV. OTHER AGREEMENTS OF THE PARTIES

4.1 Transfer Restrictions.

(a) Disposition of Securities. 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, at the Company's expense, 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 shall have the rights and obligations of a Purchaser under this Agreement and the other Transaction Documents.

(b) Legend. 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 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] [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.

(c) Pledge. 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 who agrees to be bound by the provisions of this Agreement and, if required under the terms of such arrangement, such Purchaser may transfer pledge or secure Securities to the pledgees or secured parties. Such a pledge or transfer would not be subject to approval of the Company and no legal opinion of legal counsel of the pledgee, secured party or pledgor shall be required in connection therewith. Further, no notice shall be required of such pledge. 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.

(d) Legend Removal. Certificates evidencing the Incentive Shares and Underlying Shares shall not contain any legend ("Unlegended Shares") (including the legend set forth in Section 4.1(b) hereof): (i) while a registration statement (including the Registration Statement) covering the resale of such security is effective under the Securities Act, (ii) following any sale of such Incentive Shares and Underlying Shares pursuant to Rule 144, (iii) if such Incentive Shares and Underlying Shares are eligible for sale under Rule 144, without the requirement for the Company to be in compliance with the current public information required under Rule 144 as to such Incentive Shares and Underlying Shares and without volume or manner-of-sale restrictions or (iv) if such legend is not required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Commission). The Company shall cause its counsel to issue a legal opinion to the Transfer Agent promptly after the Effective Date if required by the Transfer Agent to effect the removal of the legend hereunder. If all or any Notes are converted or any portion of a Warrant is exercised at a time when there is an effective registration statement to cover the resale of the Underlying Shares, or if such Incentive Shares and Underlying Shares may be sold under Rule 144 or if such legend is not otherwise required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Commission) then such Incentive Shares and Underlying Shares shall be issued free of all legends. The Company agrees that following such time as such legend is no longer required under this Section 4.1(c), it will, no later than five Trading Days following the delivery by a Purchaser to the Company or the Transfer Agent of a certificate representing Incentive Shares and Underlying Shares, as applicable, issued with a restrictive legend (such fifth Trading Day, 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 (however, the Corporation shall use reasonable best efforts to deliver such shares within three (3) Trading Days). 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 Incentive Shares and Underlying Shares subject to legend removal hereunder shall be transmitted by the Transfer Agent to the Purchaser by crediting the account of the Purchaser's prime broker with the Depository Trust Company System as directed by such Purchaser.

(e) Legend Removal Default. 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, for each \$1,000 of Underlying Shares (based on the highest of the actual purchase price or VWAP of the Common Stock on the date such Securities are submitted to the Transfer Agent or an imputed value of \$0.30 per Incentive Share or Underlying Share) delivered for removal of the restrictive legend and subject to Section 4.1(c), \$10 per Trading Day for each Trading Day after the Legend Removal Date (increasing to \$20 per Trading Day after the fifth Trading Day) until such certificate is delivered without a legend. Nothing herein shall limit such Purchaser's right to pursue actual damages for the Company's failure to deliver certificates representing any Securities as required by the Transaction Documents, 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.

(f) DWAC. In lieu of delivering physical certificates representing the Unlegended Shares, upon request of a Purchaser, so long as the certificates therefor do not bear a legend and the Purchaser is not obligated to return such certificate for the placement of a legend thereon, the Company shall cause its transfer agent to electronically transmit the Unlegended Shares by crediting the account of Purchaser's prime broker with the Depository Trust Company through its Deposit Withdrawal At Custodian system, provided that the Company's Common Stock is DTC eligible and the Company's transfer agent participates in the Deposit Withdrawal at Custodian system. Such delivery must be made on or before the Legend Removal Date.

(g) Injunction. In the event a Purchaser shall request delivery of Unlegended Shares as described in this Section 4.1 and the Company is required to deliver such Unlegended Shares, the Company may not refuse to deliver Unlegended Shares based on any claim that such Purchaser or anyone associated or affiliated with such Purchaser has not complied with Purchaser's obligations under the Transaction Documents, or for any other reason, unless, an injunction or temporary restraining order from a court, on notice, restraining and or enjoining delivery of such Unlegended Shares shall have been sought and obtained by the Company and the Company has posted a surety bond for the benefit of such Purchaser in the amount of the greatest of (i) 120% of the amount of the aggregate purchase price of the Incentive Shares and Underlying Shares to be subject to the injunction or temporary restraining order, (ii) the VWAP of the Common Stock on the trading day before the issue date of the injunction multiplied by the number of Unlegended Shares to be subject to the injunction, or (iii) an imputed value of \$0.30 per Incentive Share or Underlying Share which bond shall remain in effect until the completion of arbitration/litigation of the dispute and the proceeds of which shall be payable to such Purchaser to the extent Purchaser obtains judgment in Purchaser's favor.

(h) Buy-In. In addition to any other rights available to Purchaser, if the Company fails to deliver to a Purchaser Unlegended Shares as required pursuant to this Agreement and after the Legend Removal Date the Purchaser, or a broker on the Purchaser's behalf, purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by such Purchaser of the shares of Common Stock which the Purchaser was entitled to receive in unlegended form from the Company (a "Buy-In"), then the Company shall promptly pay in cash to the Purchaser (in addition to any remedies available to or elected by the Purchaser) the amount, if any, by which (A) the Purchaser's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (B) the greater of (i) the aggregate purchase price of the shares of Common Stock delivered to the Company for reissuance as Unlegended Shares, or (ii) an imputed value of \$0.30 per Incentive Share or Underlying Share together with interest thereon at a rate of 15% per annum accruing until such amount and any accrued interest thereon is paid in full (which amount shall be paid as liquidated damages and not as a penalty). For example, if a Purchaser purchases shares of Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to \$10,000 of purchase price of Shares delivered to the Company for reissuance as Unlegended Shares, the Company shall be required to pay the Purchaser \$1,000, plus interest, if any. The Purchaser shall provide the Company written notice indicating the amounts payable to the Purchaser in respect of the Buy-In.

(i) Plan of Distribution. 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 stockholders 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 file all periodic reports with the Commission pursuant to Section 15(d) of the Exchange Act and under Section 12(b) or 12(g) of the 1934 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 and file such reports even if the Company is not then subject to the reporting requirements of the Exchange Act.

(b) Within thirty (30) days after the Closing Date, the Company will file a Form 8-A with the Commission for the purpose of having the Common Stock registered pursuant to Section 12(g) of the Exchange Act and effectuate such registration not later than ninety (90) days after the Closing Date.

(c) At any time commencing on the Closing Date 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 shall fail for any reason to satisfy the current public information requirement under Rule 144(c) (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 (2.0%) of the aggregate principal amount of Notes and accrued interest thereon and purchase price of Warrant Shares held by such Purchaser on the day of a Public Information Failure and on every thirtieth (30th) day (pro-rated for periods totaling less than thirty 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 Incentive Shares and 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 (3rd) 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 1.5% 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 or to effectuate such other transaction unless shareholder approval is obtained before the earlier of the closing of such subsequent transaction or effectuation of such other 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. 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, by 9:30 a.m. (New York City time) on the first Trading Day following each Closing Date, file a Current Report on Form 8-K including the Transaction Documents as exhibits thereto with the Commission (“Form 8-K”). A copy of the Form 8-K is annexed hereto as Exhibit E. Such Exhibit E will be identical to the Form 8-K which will be filed with the Commission except for the omission of signatures thereto by the Company and auditors providing the financial statements. From and after the filing of the Form 8-K, 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. The Company and each Purchaser shall consult with each other in issuing any press releases with respect to the transactions contemplated hereby, and neither the Company nor any Purchaser shall issue any 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 unless the name of such Purchaser is already included in the body of the Transaction Documents, without the prior written consent of such Purchaser, except: (a) as required by federal securities law in connection with 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). The Company may file a Form 10-Q in lieu of the Form 8-K provided such filing contains the content required to be included in the Form 8-K and the Form 10-Q is filed not later than one (1) Trading Day after the Form 8-K would otherwise have been filed.

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, 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 the Company believes constitutes material non-public information, unless prior thereto such Purchaser shall have entered into a written agreement with the Company regarding the confidentiality and use of such information. 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. The Company shall use the net proceeds from the sale of the Offering hereunder substantially for the purposes set forth on Schedule 4.9 hereto and shall not use such proceeds: (a) for the satisfaction of any portion of the Company’s debt except as disclosed on Schedule 4.9 (other than payment of trade payables in the ordinary course of the Company’s business and consistent with 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 against Purchaser Parties in any capacity, or any of them or their respective Affiliates, by any stockholder of the Company who is not an Affiliate of such Purchaser Party, with respect to any of the transactions contemplated by the Transaction Documents (unless such action is based upon a 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 constitutes fraud, gross negligence, willful misconduct or malfeasance). 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 its material representations, warranties or covenants under the 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 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, but not less than the Required Minimum.

(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 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 60th day after such date.

(c) The Company shall prior to each Closing, 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. The Company will take all action necessary to continue the listing or quotation and trading of its Common Stock on a Trading Market until the later of (i) at least five years after the last Closing Date, and (ii) for so long as the Notes or Warrants are outstanding, and will comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of the Trading Market at least until five years after the last Closing Date and for so long as the Notes and Warrants are outstanding. In the event the aforescribed listing is not continuously maintained for five years after the last Closing Date and for so long as Notes or Warrants are outstanding (a "Listing Default"), then in addition to any other rights the Purchasers may have hereunder or under applicable law, on the first day of a Listing Default and on each monthly anniversary of each such Listing Default date (if the applicable Listing Default shall not have been cured by such date) until the applicable Listing Default is cured, the Company shall pay to each Purchaser an amount in cash, as partial liquidated damages and not as a penalty, equal to 2% of the aggregate outstanding Note principal and accrued interest, conversion price of Conversion Shares and purchase price of Warrant Shares held by such Purchaser or which may be acquired upon exercise of Warrants on the day of a Listing Default and on every thirtieth day (pro-rated for periods less than thirty days) thereafter until the date such Listing Default is cured. If the Company fails to pay any liquidated damages pursuant to this Section in a timely manner, the Company will pay interest thereon at a rate of 1.5% per month (pro-rated for partial months) to the Purchaser.

4.12 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 a 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.

4.13 Subsequent Equity Sales. From the date hereof until such time as the Notes are no longer outstanding, the Company will not, without the consent of a Majority in Interest, enter into any Equity Line of Credit or similar agreement, issue or agree to issue floating or Variable Priced Equity Linked Instruments nor any of the foregoing or equity with price reset rights (subject to adjustment for stock splits, distributions, dividends, recapitalizations and the like) (collectively, a "Variable Rate Transaction"). For purposes hereof, "Equity Line of Credit" shall include any transaction involving a written agreement between the Company and an investor or underwriter whereby the Company has the right to "put" its securities to the investor or underwriter over an agreed period of time and at an agreed price or price formula, and "Variable Priced Equity Linked Instruments" shall include: (A) any debt or equity securities which are convertible into, exercisable or exchangeable for, or carry the right to receive additional shares of Common Stock or Common Stock Equivalents or any of the foregoing at a price that can be reduced either (1) at any conversion, exercise or exchange rate or other price that is based upon and/or varies with the trading prices of or quotations for Common Stock at any time after the initial issuance of such debt or equity security, or (2) with a fixed conversion, exercise or exchange price that is subject to being reset at some future date at any time after the initial issuance of such debt or equity security due to a change in the market price of the Company's Common Stock since date of initial issuance, or upon the issuance of any debt, equity or Common Stock Equivalent, and (B) any amortizing convertible security which amortizes prior to its maturity date, where the Company is required or has the option to (or any investor in such transaction has the option to require the Company to) make such amortization payments in shares of Common Stock which are valued at a price that is based upon and/or varies with the trading prices of or quotations for Common Stock at any time after the initial issuance of such debt or equity security (whether or not such payments in stock are subject to certain equity conditions). For purposes of determining the total consideration for a convertible instrument (including a right to purchase equity of the Company) issued, subject to an original issue or similar discount or which principal amount is directly or indirectly increased after issuance, the consideration will be deemed to be the actual net cash amount received by the Company in consideration of the original issuance of such convertible instrument. For so long as the Notes are outstanding, the Company will not, without the consent of a Majority in Interest, issue any Common Stock or Common Stock Equivalents to officers, directors, and employees of the Company unless such issuance is an Exempt Issuance pursuant to items (a) or (d) of the definition of Exempt Issuance or in the amounts and on the terms set forth on Schedule 4.13. For so long as the Notes are outstanding, the Company will not amend the terms of any securities or Common Stock Equivalents or of any agreement outstanding or in effect as of the date of this Agreement pursuant to which same were or may be acquired nor amend the terms of the Form S-1 registration statement, as amended, included in the SEC Reports, nor issue any Common Stock or Common Stock Equivalents, without the consent of a Majority in Interest, if such issuance or the result of such amendment would be at an effective price per share of Common Stock less than the higher of the Conversion Price or Warrant Exercise Price in effect at the time of such issuance or amendment. The restrictions and limitations in this Section 4.13 shall apply whether or not a Purchaser exercises its rights pursuant to Section 4.17 of the Initial Securities Purchase Agreement. For purposes of this Section 4.13, Proposed Issuances as defined in the Initial Securities Purchase Agreement shall be deemed Exempt Issuances.

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 any of this Agreement unless the same consideration is also offered on a ratable basis to all of the parties to this Agreement. 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 Capital Changes. Until the one year anniversary of the last Closing Date, the Company shall not undertake a reverse or forward stock split or reclassification of the Common Stock without 10 days prior written notice to the Purchasers except the Company may increase the authorized shares of Common Stock from 100,000,000 Shares to 150,000,000 Shares.

4.16 Certain Transactions and Confidentiality. Each Purchaser, severally and not jointly with the other Purchasers, covenants that neither it, nor any Affiliate acting on such Purchaser's behalf or pursuant to any understanding with such Purchaser will execute any purchases or sales, including Short Sales, of any of the Company's securities during the period commencing with the execution of this Agreement and ending at such time that the transactions contemplated by this Agreement are first publicly announced pursuant to a press release or Form 8-K as described in Section 4.6. 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 a press release or Form 8-K 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 Transaction Documents and 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 a press release or Form 8-K 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 a press release or Form 8-K, and (iii) no Purchaser shall have any duty of confidentiality to the Company or its Subsidiaries after the filing of the Form 8-K. 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.

4.17 Reserved.

4.18 Purchaser's Exercise Limitations. The Company shall not effect any exercise of the rights granted in Section 4.23 of this Agreement, and a Purchaser shall not have the right to exercise any portion of such rights granted in Section 4.23 to the extent that after giving effect to such exercise, the Purchaser (together with the Purchaser's Affiliates, and any other Persons acting as a group together with the Purchaser or any of the Purchaser's Affiliates), would beneficially own in excess of the Beneficial Ownership Limitation (as defined in the Note), applied in the manner set forth in the Note. In such event the right by Purchaser to benefit from such rights or receive shares in excess of the Beneficial Ownership Limitation shall be held in abeyance until such times as such excess shares shall not exceed the Beneficial Ownership Limitation.

4.19 Maintenance of Property/Insurance. The Company shall keep all of its property, which is necessary or useful to the conduct of its business, in good working order and condition, ordinary wear and tear excepted and insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as are prudent and customary for the businesses of the Company and Subsidiary. From and after the Closing Date and for so long as any Securities are held by a Purchaser, the Company will maintain directors and officers insurance coverage at least equal to the aggregate Subscription Amount.

4.20 Preservation of Corporate Existence. The Company and each Subsidiary shall preserve and maintain its corporate existence, rights, privileges and franchises in the jurisdiction of its incorporation, and qualify and remain qualified, as a foreign corporation in each jurisdiction in which such qualification is necessary in view of its business or operations and where the failure to qualify or remain qualified might reasonably have a Material Adverse Effect upon the financial condition, business or operations of the Company taken as a whole.

4.21 DTC Program. At all times that Notes or Warrants are outstanding, the Company shall employ as the transfer agent for its Common Stock and Underlying Shares a participant in the Depository Trust Company Automated Securities Transfer Program and cause the Common Stock and Underlying Shares to be transferable pursuant to such program.

4.22 Reimbursement. If any Purchaser becomes involved in any capacity in any Proceeding by or against any Person who is a stockholder of the Company (except as a result of sales, pledges, margin sales and similar transactions by such Purchaser to or with any current stockholder), solely as a result of such Purchaser's acquisition of the Securities under this Agreement, the Company will reimburse such Purchaser for its reasonable legal and other expenses (including the cost of any investigation preparation and travel in connection therewith) incurred in connection therewith, as such expenses are incurred. The reimbursement obligations of the Company under this paragraph shall be in addition to any liability which the Company may otherwise have, shall extend upon the same terms and conditions to any Affiliates of the Purchasers who are actually named in such action, proceeding or investigation, and partners, directors, agents, employees and controlling persons (if any), as the case may be, of the Purchasers and any such Affiliate, and shall be binding upon and inure to the benefit of any successors, assigns, heirs and personal representatives of the Company, the Purchasers and any such Affiliate and any such Person. The Company also agrees that neither the Purchasers nor any such Affiliates, partners, directors, agents, employees or controlling persons shall have any liability to the Company or any Person asserting claims on behalf of or in right of the Company solely as a result of acquiring the Securities under this Agreement.

4.23 Most Favored Nation Provision. From the date hereof and for so long as a Purchaser holds any Securities, in the event that the Company issues or sells any Common Stock or Common Stock Equivalents, if a Purchaser then holding outstanding Securities reasonably believes that any of the terms and conditions appurtenant to such issuance or sale are more favorable to such investors than are the terms and conditions granted to the Purchasers hereunder, upon notice to the Company by such Purchaser within five (5) Trading Days after disclosure of such issuance or sale, the Company shall amend the terms of this transaction as to such Purchaser only so as to give such Purchaser the benefit of such more favorable terms or conditions. This Section 4.23 shall not apply with respect to an Exempt Issuance. The Company shall provide each Purchaser with notice of any such issuance or sale not later than ten (10) Trading Days before such issuance or sale.

4.24 Indebtedness. For so long as any Securities is outstanding, the Company will not incur any Indebtedness other than Permitted Indebtedness, without the consent of the Majority in Interest.

4.25 Notice of Disqualification Events. The Company will notify the Purchasers 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 not otherwise disclosed herein or in the SEC Reports.

4.26 Reserved.

4.27 Piggy-Back Registrations. If at any time after the Closing Date there is not an effective registration statement registering all of the issued Incentive Shares and Underlying Shares and the Company determines to prepare and file with the Commission a registration statement relating to an offering for its own account or the account of others under the Securities Act of any of its equity securities, but excluding the Form S-1 included in the SEC Reports, Forms S-4 or S-8 and similar forms which do not permit such registration, then the Company shall send to each holder of any of the issued Securities written notice of such determination and, if within fifteen calendar days after receipt of such notice, any such holder shall so request in writing, the Company shall include in such registration statement all or any part of the Underlying Shares, and Warrant Shares such holder requests to be registered and which inclusion of such Underlying Shares and Warrant Shares will be subject to customary underwriter cutbacks applicable to all holders of registration rights and minimum cutbacks in accordance with guidance provided by the Securities and Exchange Commission (including, but not limited to, Rule 415). The obligations of the Company under this Section may be waived by any holder of any of the Securities entitled to registration rights under this Section 4.27. The holders whose Underlying Shares and Warrant Shares are included or required to be included in such registration statement are granted the same rights, benefits, liquidated or other damages and indemnification granted to other holders of securities included in such registration statement. In no event shall the liability of any holder of Securities or permitted successor in connection with any Underlying Shares and Warrant Shares included in any such registration statement be greater in amount than the dollar amount of the net proceeds actually received by such Purchaser upon the sale of the Incentive Shares and Underlying Shares sold pursuant to such registration or such lesser amount in proportion to all other holders of Securities included in such registration statement. All expenses incurred by the Company in complying with Section 4.27, including, without limitation, all registration and filing fees, printing expenses (if required), fees and disbursements of counsel and independent public accountants for the Company, fees and expenses (including reasonable counsel fees) incurred in connection with complying with state securities or "blue sky" laws, fees of the FINRA, transfer taxes, and fees of transfer agents and registrars, are called "Registration Expenses." All underwriting discounts and selling commissions applicable to the sale of Registrable Securities are called "Selling Expenses." The Company will pay all Registration Expenses in connection with the registration statement under Section 4.27. Selling Expenses in connection with each registration statement under Section 4.27 shall be borne by the holder and will be apportioned among such holders in proportion to the number of Shares included therein for a holder relative to all the securities included therein for all selling holders, or as all holders may agree. It shall be a condition precedent to the obligations of the Company to complete the registration pursuant to this Agreement with respect to the Incentive Shares and Underlying Shares of a particular Purchaser that such Purchaser shall furnish to the Company in writing such information and representation letters, including a completed form of a securityholder questionnaire, with respect to itself and the proposed distribution by it as the Company may reasonably request to assure compliance with federal and applicable state securities laws.

4.28 Collateral. Until the later of three (3) years after the Closing Date and for so long as any Notes remain outstanding, the Company will provide within ten (10) days after each six (6) month period after the Closing Date at its sole cost and expense, to each Purchaser and the Collateral Agent serving as such under the Security Agreement and Corporate Security Agreement, an appraisal report certified by Gemological Laboratory Services of all of the gemstone Collateral and a statement as to the physical location of such Collateral, in form and substance reasonably acceptable to Purchasers.

4.29 Duration of Undertakings. Unless otherwise stated in this Article IV, all of the Company's undertakings, obligations and responsibilities set forth in Article IV of this Agreement shall remain in effect for so long as any Securities remain outstanding.

4.30 Incorporation by Reference.

(a) Security Agreement. The Purchasers and Company acknowledge and agree that the Notes issuable pursuant to this Agreement and all of the obligations of the Company pursuant to the Transaction Documents are included in the definitions of Notes and Obligations, respectively, as such terms are defined in the Security Agreement.

(b) Guarantor Security Agreement. The Purchasers, Company and Corporate Guarantor acknowledge and agree that the Notes issuable pursuant to this Agreement and all of the obligations of the Company pursuant to the Transaction Documents are included in the definitions of Notes and Obligations, respectively, as such terms are defined in the Guarantor Security Agreement.

(c) Corporate Guaranty. The Company and Corporate Guarantor acknowledge and agree that the Notes and all of the obligations of the Company arising under the Transaction Documents are included in the definitions of Notes and Obligations, respectively, as such terms are defined in the Corporate Guaranty and are also included in the definition of Guaranteed Obligations, thereunder. In connection therewith, the Collateral Agent will amend Schedule A to the Corporate Guaranty to include the Notes.

(d) Personal Guaranty. The Company and Personal Guarantor acknowledge and agree that the Notes and all of the obligations of the Company arising under the Transaction Documents are included in the definitions of Notes and Obligations, respectively, as such terms are defined in the Personal Guaranty and are also included in the definition of Guaranteed Obligations, thereunder. In connection therewith, the Collateral Agent will amend Schedule A to the Personal Guaranty to include the Notes.

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 Closing has not been consummated on or before November 30, 2016; provided, however, that such termination will not affect the right of any party to sue for any breach by any other party (or parties).

5 . 2 Fees and Expenses. At the Closing, the Company has agreed to pay G&M for the legal fees in connection with the Closing of some, but not all, of the Purchasers in the amount of \$5,000. Except as expressly set forth in the Transaction Documents, 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 reimburse Purchasers for all expenses incurred in connection with UCC, lien, judgment, tax and similar searches conducted in connection with the Offering. 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 the Purchasers.

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. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, or facsimile, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by facsimile, with accurate confirmation generated by the transmitting facsimile machine, at the address or number designated below (if delivered on a business day during normal business hours where such notice is to be received), or the first business day following such delivery (if delivered other than on a business day during normal business hours where such notice is to be received) or (b) on the second business day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The addresses for such communications shall be: (i) if to the Company, to: Reign Sapphire Corporation, 9465 Wilshire Boulevard, Beverly Hills, CA 90212, Attn: Joseph Segelman, President and CEO, fax: (323) 704-3255, with a copy by fax only to: Bart and Associates, LLC, 8400 East Prentice Avenue, Suite 1500, Greenwood Village, CO 80111, Attn: Ken Bart, Esq., Fax: (720) 528-7765, and (ii) if to the Purchasers, to: the addresses and fax numbers indicated on the signature pages hereto, with an additional copy by fax only to (which shall not constitute notice): Grushko & Mittman, P.C., 515 Rockaway Avenue, Valley Stream, New York 11581, fax: (212) 697-3575.

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 the Purchasers holding at least a majority in interest of the Securities then outstanding (the "Majority in Interest"), or, in the case of a waiver, by the party against whom enforcement of any such waived provision is sought. Whenever the term "consent of the Purchasers" or a similar term is employed herein, it shall mean the consent of a Majority in Interest. 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.

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). Following a Closing, 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. 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.

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 New York, 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 sitting in the City of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, Borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any action, suit or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, 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 suit, 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 either 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, suit or proceeding shall be reimbursed by the other 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 the Closings 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, at any time prior to the Company's performance of such obligations, 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 claim, 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 Closing 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 G&M. 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. In the event circumstances do not enable or allow the Company to fulfill its obligation in full to all Purchasers, then the Company shall fulfill its obligations to multiple Purchasers having the same rights, pro rata to each such affected Purchaser's Subscription Amount actually delivered to the Company.

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.

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.**

5.23 Equitable Adjustment. Trading volume amounts, price/volume amounts, the amount of Warrants, the amount of Incentive Shares, Note Conversion Prices, Warrant Exercise Prices and similar figures in the Transaction Documents shall be equitably adjusted (but without duplication) to offset the effect of stock splits, similar events and as otherwise described in this Agreement, Note and Warrants.

(Signature Pages Follow)

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.

REIGN SAPPHIRE CORPORATION

Address for Notice:

9465 Wilshire Boulevard
Beverly Hills, CA 90212
Fax: (323) 704-3255

By: _____
Name: Joseph Segelman
Title: President and Chief Executive Officer

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

Bart and Associates, LLC
8400 East Prentice Avenue, Suite 1500
Greenwood Village, CO 80111
Attn: Ken Bart, Esq.
Fax: (720) 528-7765

The undersigned Corporate Guarantor acknowledges and agrees to Sections 4.30(b) and 4.30(c) of the foregoing Securities Purchase Agreement.

AUSTRALIAN SAPPHIRE CORPORATION

By: _____
Name: Joseph Segelman
Title: President and Chief Executive Officer

The undersigned Personal Guarantor acknowledges and agrees to Section 4.30(d) of the foregoing Securities Purchase Agreement.

JOSEPH SEGELMAN

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

[PURCHASER SIGNATURE PAGE TO REIGN SAPPHIRE CORPORATION
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: _____

Facsimile Number of Authorized Signatory: _____

State of Residence of Purchaser: _____

Address for Notice to Purchaser:

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

Subscription Amount: US\$ _____
Note principal amount: US\$ _____
Warrants: _____
Incentive Shares: _____

EIN Number, if applicable, will be provided under separate cover: _____

Date: _____

[SIGNATURE PAGES CONTINUE]

EXHIBITS AND SCHEDULES

Exhibit A	Form of Note
Exhibit B	Form of Warrant
Exhibit C	Escrow Agreement
Exhibit D	Form of Legal Opinion
Exhibit E	Form of Investor Questionnaire and Rule 506 Bad Actor Disqualification Questionnaire
Exhibit F	Form of Form 8-K
Schedule 3.1(a)	
Schedule 3.1(g)	
Schedule 3.1(i)	
Schedule 3.1(l)	
Schedule 3.1(n)	
Schedule 3.1(r)	
Schedule 3.1(z)	
Schedule 3.1(cc)	
Schedule 3.1(ll)	
Schedule 4.9	
Schedule 4.13	

NEITHER THIS SECURITY NOR THE SECURITIES INTO WHICH THIS SECURITY IS CONVERTIBLE HAS 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 BORROWER. THIS SECURITY AND THE SECURITIES ISSUABLE UPON 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.

Original Issue Date: November 10, 2016

Principal Amount: \$ _____

Purchase Price: \$ _____

Original Conversion Price (subject to adjustment herein): \$0.12

**SECURED CONVERTIBLE NOTE
DUE MAY 10, 2018**

THIS CONVERTIBLE NOTE is one of a series of duly authorized and validly issued Notes of **REIGN SAPPHIRE CORPORATION**, a Delaware corporation, (the "Borrower"), having its principal place of business at 9465 Wilshire Boulevard, Beverly Hills, CA 90212, due May 10, 2018 (this note, the "Note" and, collectively with the other notes of such series, the "Notes").

FOR VALUE RECEIVED, Borrower promises to pay to _____ or its registered assigns (the "Holder"), with an address at: _____, or shall have paid pursuant to the terms hereunder, the principal sum of _____ (\$ _____) on May 10, 2018 (the "Maturity Date") or such earlier date as this Note is required or permitted to be repaid or such later if extended by the Holder as provided hereunder, and to pay interest, if any, to the Holder on the aggregate unconverted and then outstanding principal amount of this Note in accordance with the provisions hereof.

The Holder of this Note has been granted a security interest in assets of Borrower.

This Note is subject to the following additional provisions:

Section 1. Definitions. For the purposes hereof, in addition to the terms defined elsewhere in this Note, (a) capitalized terms not otherwise defined herein shall have the meanings set forth in the Purchase Agreement and (b) the following terms shall have the following meanings:

“Alternate Consideration” shall have the meaning set forth in Section 5(d).

“Bankruptcy Event” means any of the following events: (a) Borrower or any Subsidiary thereof commences a case or other proceeding under any bankruptcy, reorganization, arrangement, adjustment of debt, relief of debtors, dissolution, insolvency or liquidation or similar law of any jurisdiction relating to Borrower or any Subsidiary thereof, (b) there is commenced against Borrower or any Subsidiary thereof any such case or proceeding that is not dismissed within 60 days after commencement, (c) Borrower or any Subsidiary thereof is adjudicated insolvent or bankrupt or any order of relief or other order approving any such case or proceeding is entered, (d) Borrower or any Subsidiary thereof suffers any appointment of any custodian or the like for it or any substantial part of its property that is not discharged or stayed within 60 calendar days after such appointment, (e) Borrower or any Subsidiary thereof makes a general assignment for the benefit of creditors, (f) Borrower or any Subsidiary thereof calls a meeting of its creditors with a view to arranging a composition, adjustment or restructuring of its debts or (g) Borrower or any Subsidiary thereof, by any act or failure to act, expressly indicates its consent to, approval of or acquiescence in any of the foregoing or takes any corporate or other action for the purpose of effecting any of the foregoing.

“Beneficial Ownership Limitation” shall have the meaning set forth in Section 4(d).

“Business Day” means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which banking institutions in the State of New York are required by law or other governmental action to close.

“Buy-In” shall have the meaning set forth in Section 4(c)(v).

“Change of Control Transaction” means, other than by means of conversion or exercise of the Notes and the Securities issued together with the Notes, the occurrence after the date hereof of any of (a) an acquisition after the date hereof by an individual or legal entity or “group” (as described in Rule 13d-5(b)(1) promulgated under the Exchange Act) of effective control (whether through legal or beneficial ownership of capital stock of Borrower, by contract or otherwise) of in excess of 50% of the voting securities of Borrower, (b) Borrower merges into or consolidates with any other Person, or any Person merges into or consolidates with Borrower and, after giving effect to such transaction, the stockholders of Borrower immediately prior to such transaction own less than 50% of the aggregate voting power of Borrower or the successor entity of such transaction, (c) Borrower sells or transfers all or substantially all of its assets to another Person and the stockholders of Borrower immediately prior to such transaction own less than 50% of the aggregate voting power of the acquiring entity immediately after the transaction, (d) a replacement at one time or within a three year period of more than one-half of the members of the Board of Directors which is not approved by a majority of those individuals who are members of the Board of Directors on the Original Issue Date (or by those individuals who are serving as members of the Board of Directors on any date whose nomination to the Board of Directors was approved by a majority of the members of the Board of Directors who are members on the date hereof), or (e) the execution by Borrower of an agreement to which Borrower is a party or by which it is bound, providing for any of the events set forth in clauses (a) through (d) above.

“Closing Price” means on any particular date (a) the last reported closing bid price per share of Common Stock on such date on the Trading Market (as reported by Bloomberg L.P. at 4:15 p.m. (New York City time)), or (b) if there is no such price on such date, then the closing bid price on the Trading Market on the date nearest preceding such date (as reported by Bloomberg L.P. at 4:15 p.m. (New York City time)), or (c) if the Common Stock is not then listed or quoted on a Trading Market and if prices for the Common Stock are then reported in the “pink sheets” published by Pink OTC Markets, 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) if the shares of Common Stock are not then publicly traded the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Holder and reasonably acceptable to Borrower, the fees and expenses of which shall be paid by Borrower.

“Conversion” shall have the meaning ascribed to such term in Section 4.

“Conversion Date” shall have the meaning set forth in Section 4(a).

“Conversion Price” shall have the meaning set forth in Section 4(b).

“Conversion Shares” means, collectively, the shares of Common Stock issuable upon conversion of this Note in accordance with the terms hereof.

“Dilutive Issuance” shall have the meaning set forth in Section 5(e).

“Equity Conditions” means, during the period in question, (a) Borrower shall have duly honored all conversions scheduled to occur or occurring by virtue of one or more Notices of Conversion of the applicable Holder on or prior to the dates so requested or required, if any, (b) Borrower shall have paid all liquidated damages and other amounts owing to the applicable Holder in respect of this Note and the other Transaction Documents, (c) there is either (i) an effective registration statement pursuant to which the Holders are permitted to utilize the prospectus thereunder to resell all of the Conversion Shares and Warrant Shares (and Borrower believes, in good faith, that such effectiveness will continue uninterrupted for the foreseeable future), or (ii) all of the Underlying Shares (and shares issuable in lieu of cash payments of interest) may be resold pursuant to Rule 144 without volume or manner of sale restrictions or current public information requirements; and Company counsel has delivered to the Company’s transfer agent and Holder a standing, written unqualified opinion that resales may then be made by the Holder of all of the Holders Conversion Shares and Warrant Shares pursuant to such effective registration statement, (d) the Common Stock is trading on a Trading Market and all of the shares issuable pursuant to the Transaction Documents are listed or quoted for trading on the Trading Market (and Borrower believes, in good faith, that trading of the Common Stock on such Trading Market will continue uninterrupted for the foreseeable future), (e) there is a sufficient number of authorized, but unissued and otherwise unreserved, shares of Common Stock for the issuance of all of the shares then issuable pursuant to the Transaction Documents, (f) an Event of Default has not occurred, whether or not such Event of Default has been cured, (g) there is no existing event which, with the passage of time or the giving of notice, would constitute an Event of Default, (h) the issuance of the shares in question to the applicable Holder would not exceed the Beneficial Ownership Limitation, (i) there has been no public announcement of a pending or proposed Fundamental Transaction or Change of Control Transaction that has not been consummated, and (j) the applicable Holder is not in possession of any information provided by Borrower that constitutes, or may constitute, material non-public information.

“Event of Default” shall have the meaning set forth in Section 8(a).

“Fundamental Transaction” shall have the meaning set forth in Section 5(d).

“Lookback Period” shall have the meaning set forth in Section 6.

“Mandatory Default Amount” means the sum of (a) the greater of (i) the outstanding principal amount of this Note divided by the Conversion Price on the date the Mandatory Default Amount is either (A) demanded (if demand or notice is required to create an Event of Default) or otherwise due or (B) paid in full, whichever has a lower Conversion Price, multiplied by the VWAP on the date the Mandatory Default Amount is either (x) demanded, (y) due, or (z) paid in full, whichever is highest, or (ii) 100% of the outstanding principal amount of this Note plus (b) all other amounts, costs, expenses and liquidated damages due in respect of this Note.

“New York Courts” shall have the meaning set forth in Section 9(d).

“Note Register” shall have the meaning set forth in Section 2(c).

“Notice of Conversion” shall have the meaning set forth in Section 4(a).

“Notice of Redemption” shall have the meaning set forth in Section 6.

“Optional Redemption” shall have the meaning set forth in Section 6.

“Original Issue Date” means the date of the first issuance of the Notes, regardless of any transfers of any Note and regardless of the number of instruments which may be issued to evidence such Notes.

“Other Holders” means holders of Other Notes.

“Other Notes” means Notes nearly identical to this Note issued to other Holders pursuant to the Purchase Agreement.

“Permitted Indebtedness” means (a) any liabilities for borrowed money or amounts owed not in excess of \$100,000 in the aggregate (other than trade accounts payable incurred in the ordinary course of business), (b) 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) not affecting more than \$100,000 in the aggregate, except guaranties by endorsement of negotiable instruments for deposit or collection or similar transactions in the ordinary course of business; and (c) the present value of any lease payments not in excess of \$100,000 due under leases required to be capitalized in accordance with GAAP.

“Permitted Lien” means the individual and collective reference to the following: (a) Liens for taxes, assessments and other governmental charges or levies not yet due or Liens for taxes, assessments and other governmental charges or levies being contested in good faith and by appropriate proceedings for which adequate reserves (in the good faith judgment of the management of Borrower) have been established in accordance with GAAP, (b) Liens imposed by law which were incurred in the ordinary course of Borrower’s business, such as carriers’, warehousemen’s and mechanics’ Liens, statutory landlords’ Liens, and other similar Liens arising in the ordinary course of Borrower’s business, and which (x) do not individually or in the aggregate materially detract from the value of such property or assets or materially impair the use thereof in the operation of the business of Borrower and its consolidated Subsidiaries or (y) are being contested in good faith by appropriate proceedings, which proceedings have the effect of preventing for the foreseeable future the forfeiture or sale of the property or asset subject to such Lien, and (c) Liens in connection with Permitted Indebtedness under clauses (a) and (b) thereunder, and Liens incurred in connection with Permitted Indebtedness under clause (c) thereunder, provided that such Liens are not secured by assets of Borrower or its Subsidiaries other than the assets so acquired or leased.

“Purchase Agreement” means the Securities Purchase Agreement, dated as of November 10, 2016 among Borrower and the original Holders, as amended, modified or supplemented from time to time in accordance with its terms.

“Redemption Amount” shall have the meaning set forth in Section 6.

“Redemption Payment Date” shall have the meaning set forth in Section 6.

“Redemption Period” shall have the meaning set forth in Section 6.

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

“Share Delivery Date” shall have the meaning set forth in Section 4(c)(ii).

“Successor Entity” shall have the meaning set forth in Section 5(d).

“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 MKT, the NASDAQ Capital Market, the NASDAQ Global Market, the NASDAQ Global Select Market, the New York Stock Exchange, the OTC Bulletin Board, the OTCQB, or the OTCQX (or any successors to any of the foregoing).

“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 City time) to 4:02 p.m. (New York City time)), (b) if any of the NASDAQ markets or exchanges is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the OTC Bulletin Board, (c) if the Common Stock is not then listed or quoted for trading on the OTC Bulletin Board and if prices for the Common Stock are then reported on the OTCQX, OTCQB or OTC Pink Marketplace maintained by the OTC Markets Group, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the volume weighted average price of the Common Stock on the first such facility (or a similar organization or agency succeeding to its functions of reporting prices), 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 Borrower, the fees and expenses of which shall be paid by Borrower.

Section 2. General.

- a) Interest. Interest may accrue on the Principal Amount of this Note pursuant to Section 8(b) below.
- b) Payment Grace Period. The Borrower shall not have any grace period to pay any monetary amounts due under this Note.
- c) Conversion Privileges. The Conversion Rights set forth in Section 4 shall remain in full force and effect immediately from the date hereof and until the Note is paid in full regardless of the occurrence of an Event of Default. This Note shall be payable in full on the Maturity Date, unless previously converted into Common Stock in accordance with Section 4 hereof.
- d) Application of Payments. Interest, if any, on this Note shall be calculated on the basis of a 360-day year and the actual number of days elapsed. Payments made in connection with this Note shall be applied first to amounts due hereunder other than principal and interest, thereafter to interest and finally to principal.
- e) Pari Passu. Except as otherwise set forth herein, all payments made on this Note and the Other Notes and all actions taken by the Borrower with respect to this Note and the Other Notes, including but not limited to Optional Redemption, shall be made and taken *pari passu* with respect to this Note and the Other Notes and the Holders thereof.
- f) Manner and Place of Payment. Principal and interest, if any, on this Note and other payments in connection with this Note shall be payable at the Holder's offices as designated above in lawful money of the United States of America in immediately available funds without set-off, deduction or counterclaim. Upon assignment of the interest of Holder in this Note, Borrower shall instead make its payment pursuant to the assignee's instructions upon receipt of written notice thereof. Except as set forth herein, this Note may not be prepaid or mandatorily converted without the consent of the Holder.

Section 3. Registration of Transfers and Exchanges.

- a) Different Denominations. This Note is exchangeable for an equal aggregate principal amount of Notes of different authorized denominations, as requested by the Holder surrendering the same. No service charge will be payable for such registration of transfer or exchange.
 - b) Investment Representations. This Note has been issued subject to certain investment representations of the original Holder set forth in the Purchase Agreement and may be transferred or exchanged only in compliance with the Purchase Agreement and applicable federal and state securities laws and regulations.
 - c) Reliance on Note Register. Prior to due presentment for transfer to Borrower of this Note, Borrower and any agent of Borrower may treat the Person in whose name this Note is duly registered on the Note Register as the owner hereof for the purpose of receiving payment as herein provided and for all other purposes, whether or not this Note is overdue, and neither Borrower nor any such agent shall be affected by notice to the contrary.
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Section 4. Conversion.

a) Voluntary Conversion. At any time after the Original Issue Date until this Note is no longer outstanding, this Note shall be convertible, in whole or in part, into shares of Common Stock at the option of the Holder, at any time and from time to time (subject to the conversion limitations set forth in Section 4(d) hereof). The Holder shall effect conversions by delivering to Borrower a Notice of Conversion, the form of which is attached hereto as Annex A (each, a "Notice of Conversion"), specifying therein the principal amount of this Note to be converted and the date on which such conversion shall be effected (such date, the "Conversion Date"). If no Conversion Date is specified in a Notice of Conversion, the Conversion Date shall be the date that such Notice of Conversion is deemed delivered hereunder. To effect conversions hereunder, the Holder shall not be required to physically surrender this Note to Borrower unless the entire principal amount of this Note has been so converted. Conversions hereunder shall have the effect of lowering the outstanding principal amount of this Note in an amount equal to the applicable conversion. The Holder and Borrower shall maintain records showing the principal amount(s) converted and the date of such conversion(s). Borrower may deliver an objection to any Notice of Conversion within one (1) Business Day of delivery of such Notice of Conversion. In the event of any dispute or discrepancy, the records of the Holder shall be controlling and determinative in the absence of manifest error. **The Holder, and any assignee by acceptance of this Note, acknowledge and agree that, by reason of the provisions of this paragraph, following conversion of a portion of this Note, the unpaid and unconverted principal amount of this Note may be less than the amount stated on the face hereof.**

b) Conversion Price. The conversion price for the principal and interest in connection with voluntary conversions by the Holder shall be **\$0.12**, subject to adjustment herein (the "Conversion Price").

c) Mechanics of Conversion.

i. Conversion Shares Issuable Upon Conversion of Principal Amount. The number of Conversion Shares issuable upon a conversion hereunder shall be determined by the quotient obtained by dividing (x) the outstanding principal amount of this Note to be converted by (y) the Conversion Price.

ii. Delivery of Certificate Upon Conversion. Not later than three (3) Trading Days after each Conversion Date (the "Share Delivery Date"), Borrower shall deliver, or cause to be delivered, to the Holder a certificate or certificates representing the Conversion Shares which, on or after the earlier of (i) the six month anniversary of the Original Issue Date or (ii) the Effective Date, shall be free of restrictive legends and trading restrictions (other than those which may then be required by the Purchase Agreement) representing the number of Conversion Shares being acquired upon the conversion of this Note. On or after the earlier of (i) the six month anniversary of the Original Issue Date or (ii) the Effective Date, Borrower shall use its best efforts to deliver any certificate or certificates required to be delivered by Borrower under this Section 4(c) electronically through the Depository Trust Company or another established clearing corporation performing similar functions.

iii. Failure to Deliver Certificates. If, in the case of any Notice of Conversion, such certificate or certificates are not delivered to or as directed by the applicable Holder by the Share Delivery Date, the Holder shall be entitled to elect by written notice to Borrower at any time on or before its receipt of such certificate or certificates, to rescind such Conversion, in which event Borrower shall promptly return to the Holder any original Note delivered to Borrower and the Holder shall promptly return to Borrower the Common Stock certificates issued to such Holder pursuant to the rescinded Conversion Notice.

iv. Obligation Absolute. Borrower'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 Borrower 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 Borrower to the Holder in connection with the issuance of such Conversion Shares; provided, however, that such delivery shall not operate as a waiver by Borrower of any such action Borrower may have against the Holder. In the event the Holder of this Note shall elect to convert any or all of the outstanding principal amount hereof, Borrower 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 Borrower posts a surety bond for the benefit of the Holder in the amount of 150% of the outstanding principal amount of this Note, which is subject to the injunction, which bond shall remain in effect until the completion of arbitration/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, Borrower shall issue Conversion Shares or, if applicable, cash, upon a properly noticed conversion. If Borrower fails for any reason to deliver to the Holder such certificate or certificates pursuant to Section 4(c)(ii) by the Share Delivery Date, Borrower shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of principal amount being converted, \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth (5th) Trading Day after such liquidated damages being to accrue) for each Trading Day after such Share Delivery Date until such certificates are delivered or Holder rescinds such conversion. Nothing herein shall limit a Holder's right to pursue actual damages or declare an Event of Default pursuant to Section 8 hereof for Borrower's failure to deliver Conversion Shares within the period specified herein and the Holder shall have the right to pursue all remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief. The exercise of any such rights shall not prohibit the Holder from seeking to enforce damages pursuant to any other Section hereof or under applicable law.

v. Compensation for Buy-In on Failure to Timely Deliver Certificates Upon Conversion. In addition to any other rights available to the Holder, if Borrower fails for any reason to deliver to the Holder such certificate or certificates by the Share Delivery Date pursuant to Section 4(c)(ii), and if after such Share Delivery Date the Holder is required by its brokerage firm to purchase (in an open market transaction or otherwise), or the Holder or Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Conversion Shares which the Holder was entitled to receive upon the conversion relating to such Share Delivery Date (a "Buy-In"), then Borrower shall (A) pay in cash to the Holder (in addition to any other remedies available to or elected by the Holder) the amount, if any, by which (x) the Holder's total purchase price (including any brokerage commissions) for the Common Stock so purchased exceeds (y) the product of (1) the aggregate number of shares of Common Stock that the Holder was entitled to receive from the conversion at issue multiplied by (2) the actual sale price at which the sell order giving rise to such purchase obligation was executed (including any brokerage commissions) and (B) at the option of the Holder, either reissue (if surrendered) this Note in a principal amount equal to the principal amount of the attempted conversion (in which case such conversion shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued if Borrower had timely complied with its delivery requirements under Section 4(c)(ii). 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 conversion of this Note with respect to which the actual sale price of the Conversion Shares (including any brokerage commissions) giving rise to such purchase obligation was a total of \$10,000 under clause (A) of the immediately preceding sentence, Borrower shall be required to pay the Holder \$1,000. The Holder shall provide Borrower written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of Borrower, 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 Borrower's failure to timely deliver certificates representing shares of Common Stock upon conversion of this Note as required pursuant to the terms hereof.

vi. Reservation of Shares Issuable Upon Conversion. Borrower covenants that it will at all times reserve and keep available out of its authorized and unissued shares of Common Stock for the sole purpose of issuance upon conversion of this Note as herein provided, free from preemptive rights or any other actual contingent purchase rights of Persons other than the Holder (and the other holders of the Notes), not less than such aggregate number of shares of the Common Stock as shall (subject to the terms and conditions set forth in the Purchase Agreement) be issuable (taking into account the adjustments and restrictions of Section 5) upon the conversion of the then outstanding principal amount of this Note on such principal amount. Borrower covenants that all shares of Common Stock that shall be so issuable shall, upon issue, be duly authorized, validly issued, fully paid and nonassessable.

vii. Fractional Shares. No fractional shares or scrip representing fractional shares shall be issued upon the conversion of this Note. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such conversion, Borrower 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 Conversion Price or round up to the next whole share.

viii. Transfer Taxes and Expenses. The issuance of certificates for shares of the Common Stock on conversion of this Note shall be made without charge to the Holder hereof for any documentary stamp or similar taxes that may be payable in respect of the issue or delivery of such certificates, provided that, Borrower shall not be required to pay any tax that may be payable in respect of any transfer involved in the issuance and delivery of any such certificate upon conversion in a name other than that of the Holder of this Note so converted and Borrower shall not be required to issue or deliver such certificates unless or until the Person or Persons requesting the issuance thereof shall have paid to Borrower the amount of such tax or shall have established to the satisfaction of Borrower that such tax has been paid. Borrower shall pay all Transfer Agent fees required for same-day processing of any Notice of Conversion.

d) Holder's Conversion Limitations. Borrower shall not effect any conversion of this Note, and a Holder shall not have the right to convert any portion of this Note, to the extent that after giving effect to the conversion set forth on the applicable Notice of Conversion, the Holder (together with the Holder's Affiliates, and any Persons acting as a group together with the Holder or any of the Holder's Affiliates) would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates shall include the number of shares of Common Stock issuable upon conversion of this Note with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which are issuable upon (i) conversion of the remaining, unconverted principal amount of this Note beneficially owned by the Holder or any of its Affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of Borrower subject to a limitation on conversion or exercise analogous to the limitation contained herein (including, without limitation, any other Notes or the Warrants) beneficially owned by the Holder or any of its Affiliates. Except as set forth in the preceding sentence, for purposes of this Section 4(d), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. To the extent that the limitation contained in this Section 4(d) applies, the determination of whether this Note is convertible (in relation to other securities owned by the Holder together with any Affiliates) and of which principal amount of this Note is convertible shall be in the sole discretion of the Holder, and the submission of a Notice of Conversion shall be deemed to be the Holder's determination of whether this Note may be converted (in relation to other securities owned by the Holder together with any Affiliates) and which principal amount of this Note is convertible, in each case subject to the Beneficial Ownership Limitation. To ensure compliance with this restriction, the Holder will be deemed to represent to Borrower each time it delivers a Notice of Conversion that such Notice of Conversion has not violated the restrictions set forth in this paragraph and Borrower shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 4(d), in determining the number of outstanding shares of Common Stock, the Holder may rely on the number of outstanding shares of Common Stock as stated in the most recent of the following: (i) Borrower's most recent periodic or annual report filed with the Commission, as the case may be, (ii) a more recent public announcement by Borrower, or (iii) a more recent written notice by Borrower or Borrower's transfer agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, Borrower shall within two Trading Days confirm orally and in writing 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 Borrower, including this Note, by the Holder or its Affiliates since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon conversion of this Note held by the Holder. The Holder may decrease the Beneficial Ownership Limitation at any time and the Holder, upon not less than 61 days' prior notice to Borrower, may increase the Beneficial Ownership Limitation provisions of this Section 4(d), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon conversion of this Note held by the Holder and the Beneficial Ownership Limitation provisions of this Section 4(d) shall continue to apply. Any such increase will not be effective until the 61st day after such notice is delivered to Borrower. The Beneficial Ownership Limitation provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 4(d) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation contained herein or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Note.

Section 5. Certain Adjustments.

a) Stock Dividends and Stock Splits. If Borrower, at any time while this Note is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions payable in shares of Common Stock on shares of Common Stock or any Common Stock Equivalents (which, for avoidance of doubt, shall not include any shares of Common Stock issued by Borrower upon conversion of the Notes), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of a reverse stock split) outstanding shares of Common Stock into a smaller number of shares or (iv) issues, in the event of a reclassification of shares of the Common Stock, any shares of capital stock of Borrower, then the Conversion Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding any treasury shares of Borrower) outstanding immediately before such event, and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event. Any adjustment made pursuant to this Section 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 re-classification.

b) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 5(a) above, if at any time Borrower grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares 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 regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before 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, to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

c) Pro Rata Distributions. During such time as this Note is outstanding, if Borrower shall declare or make any dividend whether or not permitted, or makes any other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "Distribution"), at any time after the issuance of this Note, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Note (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, 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 participation in such Distribution (provided, however, to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

d) Fundamental Transaction. If, at any time while this Note is outstanding, (i) Borrower, directly or indirectly, in one or more related transactions effects any merger or consolidation of Borrower with or into another Person, (ii) Borrower, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by Borrower or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding Common Stock, (iv) Borrower, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, (v) Borrower, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination) (each a "Fundamental Transaction"), then, upon any subsequent conversion of this Note, the Holder shall have the right to receive, for each Conversion Share that would have been issuable upon such conversion immediately prior to the occurrence of such Fundamental Transaction (without regard to any limitation in Section 4(d) on the conversion of this Note), the number of shares of Common Stock of the successor or acquiring corporation or of Borrower, 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 Note is convertible immediately prior to such Fundamental Transaction (without regard to any limitation in Section 4(d) on the conversion of this Note). For purposes of any such conversion, the determination of the Conversion Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one (1) share of Common Stock in such Fundamental Transaction, and Borrower shall apportion the Conversion 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 conversion of this Note following such Fundamental Transaction. Borrower shall cause any successor entity in a Fundamental Transaction in which Borrower is not the survivor (the "Successor Entity") to assume in writing all of the obligations of Borrower under this Note and the other Transaction Documents (as defined in the Purchase Agreement) in accordance with the provisions of this Section 5(d) 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 of this Note, deliver to the Holder in exchange for this Note a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Note which is convertible 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 conversion of this Note (without regard to any limitations on the conversion of this Note) prior to such Fundamental Transaction, and with a conversion price which applies the conversion 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 conversion price being for the purpose of protecting the economic value of this Note 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 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 Borrower and shall assume all of the obligations of Borrower under this Note and the other Transaction Documents with the same effect as if such Successor Entity had been named as Borrower herein.

e) Adjustment Upon Issuance of Shares of Common Stock. If and whenever on or after the date hereof, the Company issues or sells, or in accordance with this Section 5 is deemed to have issued or sold, any shares of Common Stock (including the issuance or sale of shares of Common Stock owned or held by or for the account of the Company, but excluding any Exempt Issuance issued or sold or deemed to have been issued or sold) for a consideration per share (the "New Issuance Price") less than a price equal to the Conversion Price in effect immediately prior to such issue or sale or deemed issuance or sale (such Conversion Price then in effect is referred to as the "Applicable Price") (the foregoing a "Dilutive Issuance"), then immediately after such Dilutive Issuance, the Conversion Price then in effect shall be reduced to the New Issuance Price. For all purposes of the foregoing (including, without limitation, determining the adjusted Conversion Price and consideration per share under this Section 5(e)), the following shall be applicable:

(i) Issuance of Options. If the Company in any manner grants or sells any Options (other than Options that qualify as Exempt Issuances) and the lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Option or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the granting or sale of such Option for such price per share. For purposes of this Section 5(e)(i), the "lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Options or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option" shall be equal to (1) the lower of (x) the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to any one share of Common Stock upon the granting or sale of such Option, upon exercise of such Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option and (y) the lowest exercise price set forth in such Option for which one share of Common Stock is issuable upon the exercise of any such Options or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option minus (2) the sum of all amounts paid or payable to the holder of such Option (or any other Person) upon the granting or sale of such Option, upon exercise of such Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option plus the value of any other consideration received or receivable by, or benefit conferred on, the holder of such Option (or any other Person). Except as contemplated below, no further adjustment of the Conversion Price shall be made upon the actual issuance of such shares of Common Stock or of such Convertible Securities upon the exercise of such Options or upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities.

(i i) Issuance of Convertible Securities. If the Company in any manner issues or sells any Convertible Securities (other than Convertible Securities that qualify as Exempt Issuances) and the lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the issuance or sale of such Convertible Securities for such price per share. For the purposes of this Section 5(e)(ii), the “lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof” shall be equal to (1) the lower of (x) the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to one share of Common Stock upon the issuance or sale of the Convertible Security and upon conversion, exercise or exchange of such Convertible Security and (y) the lowest conversion price set forth in such Convertible Security for which one share of Common Stock is issuable upon conversion, exercise or exchange thereof minus (2) the sum of all amounts paid or payable to the holder of such Convertible Security (or any other Person) upon the issuance or sale of such Convertible Security plus the value of any other consideration received or receivable by, or benefit conferred on, the holder of such Convertible Security (or any other Person). Except as contemplated below, no further adjustment of the Conversion Price shall be made upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities, and if any such issue or sale of such Convertible Securities is made upon exercise of any Options for which adjustment of this Note has been or is to be made pursuant to other provisions of this Section 5(e), except as contemplated below, no further adjustment of the Conversion Price shall be made by reason of such issue or sale.

(iii) Change in Option Price or Rate of Conversion. If the purchase or exercise price provided for in any Options, the additional consideration, if any, payable upon the issue, conversion, exercise or exchange of any Convertible Securities, or the rate at which any Convertible Securities are convertible into or exercisable or exchangeable for shares of Common Stock increases or decreases at any time, the Conversion Price in effect at the time of such increase or decrease shall be adjusted to the Conversion Price which would have been in effect at such time had such Options or Convertible Securities provided for such increased or decreased purchase price, additional consideration or increased or decreased conversion rate, as the case may be, at the time initially granted, issued or sold. For purposes of this Section 5(e)(iii), if the terms of any Option or Convertible Security that was outstanding as of the date of issuance of this Note are increased or decreased in the manner described in the immediately preceding sentence, then such Option or Convertible Security and the shares of Common Stock deemed issuable upon exercise, conversion or exchange thereof shall be deemed to have been issued as of the date of such increase or decrease. No adjustment pursuant to this Section 5(e) shall be made if such adjustment would result in an increase of the Conversion Price then in effect.

(iv) Calculation of Consideration Received. If any Option and/or Convertible Security and/or Adjustment Right is issued in connection with the issuance or sale or deemed issuance or sale of any other securities of the Company (as determined by the Holder, the "Primary Security", and such Option and/or Convertible Security and/or Adjustment Right, the "Secondary Securities"), together comprising one integrated transaction, the consideration per share of Common Stock with respect to such Primary Security shall be deemed to be equal to the difference of (x) the lowest price per share for which one share of Common Stock was issued in such integrated transaction (or was deemed to be issued pursuant to Section 5(e)(i) or 5(e)(ii) above, as applicable) solely with respect to such Primary Security, minus (y) with respect to such Secondary Securities, the sum of (I) the Black Scholes Consideration Value of each such Option, if any, (II) the fair market value (as determined by the Holder) or the Black Scholes Consideration Value, as applicable, of such Adjustment Right, if any, and (III) the fair market value (as determined by the Holder) of such Convertible Security, if any, in each case, as determined on a per share basis in accordance with this Section 5(e)(iv). If any shares of Common Stock, Options or Convertible Securities are issued or sold or deemed to have been issued or sold for cash, the consideration received therefor (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value) will be deemed to be the net amount of consideration received by the Company therefor. If any shares of Common Stock, Options or Convertible Securities are issued or sold for a consideration other than cash (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value), the amount of such consideration received by the Company will be the fair value of such consideration, except where such consideration consists of publicly traded securities, in which case the amount of consideration received by the Company for such securities will be the arithmetic average of the VWAPs of such security for each of the five (5) Trading Days immediately preceding the date of receipt. If any shares of Common Stock, Options or Convertible Securities are issued to the owners of the non-surviving entity in connection with any merger in which the Company is the surviving entity (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value), the amount of consideration therefor will be deemed to be the fair value of such portion of the net assets and business of the non-surviving entity as is attributable to such shares of Common Stock, Options or Convertible Securities, as the case may be. The fair value of any consideration other than cash or publicly traded securities (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value) will be determined jointly by the Company and the Holder. If such parties are unable to reach agreement within ten (10) days after the occurrence of an event requiring valuation (the "Valuation Event"), the fair value of such consideration will be determined within five (5) Trading Days after the tenth (10th) day following such Valuation Event by an independent, reputable appraiser jointly selected by the Company and the Holder. The determination of such appraiser shall be final and binding upon all parties absent manifest error and the fees and expenses of such appraiser shall be borne by the Company.

f) Calculations. All calculations under this Section 5 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 5, 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 any treasury shares of Borrower) issued and outstanding.

g) Notice to the Holder.

i. Adjustment to Conversion Price. Whenever the Conversion Price is adjusted pursuant to any provision of this Section 5, Borrower shall promptly deliver to each Holder a notice setting forth the Conversion Price after such adjustment and setting forth a brief statement of the facts requiring such adjustment.

ii. Notice to Allow Conversion by Holder. If (A) Borrower shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) Borrower shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) Borrower shall authorize the granting to all holders of the Common Stock of 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 Borrower shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which Borrower is a party, any sale or transfer of all or substantially all of the assets of Borrower, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property or (E) Borrower shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of Borrower, then, in each case, Borrower shall cause to be filed at each office or agency maintained for the purpose of conversion of this Note, and shall cause to be delivered to the Holder at its last address as it shall appear upon the Note Register, at least twenty (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 deliver such notice or any defect therein or in the delivery 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 Borrower or any of the Subsidiaries, Borrower shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to convert this Note during the 20-day period commencing on the date of such notice through the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 6. Optional Redemption. Commencing six (6) months after the original Issue Date of this Note, the Borrower will have the option of prepaying the outstanding Principal amount of this Note ("Optional Redemption"), in whole or in part, by paying to the Holder a sum of money in cash equal to one hundred percent (100%) of the Principal amount to be redeemed, together with accrued but unpaid interest thereon, if any, and any and all other sums due, accrued or payable to the Holder arising under this Note through the Redemption Payment Date, as defined below and 2.8986 shares of Common Stock for each \$1.00 of Note principal amount being redeemed (the "Redemption Amount"). Borrower's election to exercise its right to prepay must be by notice in writing ("Notice of Redemption"). The Notice of Redemption shall specify the date for such Optional Redemption (the "Redemption Payment Date"), which date shall be a date certain not sooner than thirty (30) Trading Days after the date of the Notice of Redemption (the "Redemption Period"). A Notice of Redemption, if given, may be given on the first Trading Day following twenty (20) consecutive Trading Days (the "Lookback Period") during which all of the Equity Conditions have been in effect. A Notice of Redemption shall not be effective with respect to any portion of the Principal Amount for which the Holder has previously delivered an election to convert, or for conversions initiated or made by the Holder during the Redemption Period. A Notice of Redemption may be given only in connection with an amount of Common Stock that would not exceed the Beneficial Ownership Limitation. On the Redemption Payment Date, the Redemption Amount, less any cash portion of the Redemption Amount against which the Holder has permissibly exercised its conversion rights, shall be paid in good funds to the Holder. In the event the Borrower fails to pay the Redemption Amount on the Redemption Payment Date as set forth herein, then (i) such Notice of Redemption will be null and void, (ii) Borrower will have no right to deliver another Notice of Redemption, and (iii) Borrower's failure may be deemed by Holder to be a non-curable Event of Default. In the event the Equity Conditions cease to be in effect prior to the payment of the Redemption Amount, the Holder may cancel the Notice of Redemption.

Section 7. Negative Covenants. As long as at least \$50,000 in the aggregate of principal amount of this Note and the Other Notes remains outstanding, unless the holders of at least 51% in principal amount of the then outstanding Notes shall have otherwise given prior written consent, Borrower shall not, and shall not permit any of the Subsidiaries to, directly or indirectly:

- a) other than Permitted Indebtedness, enter into, create, incur, assume, guarantee or suffer to exist any indebtedness for borrowed money of any kind, including, but not limited to, a guarantee, on or with respect to any of its property or assets now owned or hereafter acquired or any interest therein or any income or profits therefrom;
 - b) other than Permitted Liens, enter into, create, incur, assume or suffer to exist any Liens of any kind, on or with respect to any of its property or assets now owned or hereafter acquired or any interest therein or any income or profits therefrom;
 - c) except for an increase in the authorized Common Stock from 100,000,000 Shares to 150,000,000 Shares, or as otherwise previously agreed to in writing by the Holder, amend its charter documents, including, without limitation, its certificate of incorporation and bylaws, in any manner that materially adversely affects any rights of the Holder;
 - d) repay, repurchase or offer to repay, repurchase or otherwise acquire more than a de minimis number of shares of its Common Stock or Common Stock Equivalents other than as to the Conversion Shares or Warrant Shares as permitted or required under the Transaction Documents;
 - e) redeem, 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 Notes if on a pro-rata basis), whether by way of payment in respect of principal of (or premium, if any) or interest on, such Indebtedness, the foregoing restriction shall also apply to Permitted Indebtedness from and after the occurrence of an Event of Default;
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f) declare or make any dividend or other distribution of its assets or rights to acquire its assets to holders of shares of Common Stock, preferred stock, or any other equity security by way of return of capital or otherwise including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction;

g) enter into any transaction with any Affiliate of Borrower which would be required to be disclosed in any public filing with the Commission, unless such transaction is made on an arm's-length basis and expressly approved by a majority of the disinterested directors of Borrower (even if less than a quorum otherwise required for board approval);

h) anything to the contrary notwithstanding in any of the Transaction Documents, pay or satisfy the amounts set forth on Schedules 3.1(z) and 3.1(II) to the Purchase Agreement; or

i) enter into any agreement with respect to any of the foregoing.

Section 8. Events of Default.

a) "**Event of Default**" means, wherever used herein, any of the following events (whatever the reason for such event and whether such event shall be voluntary or involuntary or effected by operation of law or pursuant to any judgment, decree or order of any court, or any order, rule or regulation of any administrative or governmental body):

i. any default in the payment of (A) the principal or interest, if any, amount of this Note or (B) liquidated damages and other amounts owing to a Holder on any Note, as and when the same shall become due and payable (whether on a Conversion Date or the Maturity Date or by acceleration or otherwise) which default, solely in the case of a default under clause (B) above, is not cured within 3 Trading Days after Borrower has become or should have become aware of such default;

ii. Borrower shall fail to observe or perform any other covenant or agreement contained in the Notes (other than a breach by Borrower of its obligations to deliver shares of Common Stock to the Holder upon conversion, which breach is addressed in clause (ix) below) which failure is not cured, if possible to cure, within the earlier to occur of (A) 5 Trading Days after notice of such failure sent by the Holder or by any Other Holder to Borrower and (B) 10 Trading Days after Borrower has become or should have become aware of such failure;

iii. a default or event of default (subject to any grace or cure period provided in the applicable agreement, document or instrument) shall occur under (A) any of the Transaction Documents, including but not limited to failure for an Initial listing, or (B) any other material agreement, lease, document or instrument to which Borrower or any Subsidiary is obligated (and not covered by clause (vi) below);

iv. any representation or warranty made in this Note, any other Transaction Documents, any written statement pursuant hereto or thereto or any other report, financial statement or certificate made or delivered to the Holder or any Other Holder shall be untrue or incorrect in any material respect as of the date when made or deemed made;

v. Borrower or any Subsidiary shall be subject to a Bankruptcy Event;

vi. Borrower or any Subsidiary shall default on any of its obligations under any mortgage, credit agreement or other facility, indenture agreement, factoring agreement or other instrument under which there may be issued, or by which there may be secured or evidenced, any indebtedness for borrowed money or money due under any long term leasing or factoring arrangement that (a) involves an obligation greater than \$50,000, whether such indebtedness now exists or shall hereafter be created, and (b) results in such indebtedness becoming or being declared due and payable prior to the date on which it would otherwise become due and payable;

vii. Borrower shall be a party to any Change of Control Transaction or Fundamental Transaction;

viii. Borrower does not meet the current public information requirements under Rule 144;

ix. Borrower shall fail for any reason to deliver certificates to a Holder prior to the fifth Trading Day after a Conversion Date pursuant to Section 4(c) or Borrower shall provide at any time notice to the Holder, including by way of public announcement, of Borrower's intention to not honor requests for conversions of any Notes in accordance with the terms hereof;

x. any Person shall breach any agreement delivered to the initial Holders pursuant to Section 2.2 of the Purchase Agreement;

xi. any monetary judgment, writ or similar final process shall be entered or filed against Borrower, any subsidiary or any of their respective property or other assets for more than \$50,000, and such judgment, writ or similar final process shall remain unvacated, unbonded or unstayed for a period of 90 calendar days;

xii. any dissolution, liquidation or winding up by Borrower or a material Subsidiary of a substantial portion of their business;

xiii. cessation of operations by Borrower or a material Subsidiary;

xiv. from and after the Initial Listing Date, an event resulting in the Common Stock no longer being listed or quoted on a Trading Market, or notification from a Trading Market that the Borrower is not in compliance with the conditions for such continued quotation and such non-compliance continues for twenty (20) days following such notification;

xv. a Commission or judicial stop trade order or suspension from the Borrower's Principal Trading Market;

xvi. the Borrower effectuates a reverse split of its Common Stock without ten (10) days prior written notice to the Holder;

xvii. a failure by Borrower to notify Holder of any material event of which Borrower is obligated to notify Holder pursuant to the terms of this Note or any other Transaction Document;

xviii. a default by the Borrower of a material term, covenant, warranty or undertaking of any other agreement to which the Borrower and Holder are parties, or the occurrence of an event of default under any such other agreement to which Borrower and Holder are parties which is not cured after any required notice and/or cure period;

xix. the occurrence of an Event of Default under any Other Note;

xx. any material provision of any Transaction Document 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 Borrower, or the validity or enforceability thereof shall be contested by Borrower, or a proceeding shall be commenced by Borrower or any governmental authority having jurisdiction over Borrower or Holder, seeking to establish the invalidity or unenforceability thereof, or Borrower shall deny in writing that it has any liability or obligation purported to be created under any Transaction Document;

xxi. the failure by Borrower or any material Subsidiary to maintain any material intellectual property rights, personal, real property, equipment, leases or other assets which are necessary to conduct its business (whether now or in the future) and such breach is not cured with twenty (20) days after written notice to the Borrower from the Holder;

xxii. the restatement after the date hereof of any financial statements filed by the Borrower with the Commission for any date or period from two years prior to the Original Issue Date and until this Note is no longer outstanding, if the result of such restatement would, by comparison to the unrestated financial statements, have constituted a Material Adverse Effect. For the avoidance of doubt, any restatement related to new accounting pronouncements shall not constitute a default under this Section; or

xxiii. the occurrence of an Event of Default as defined in and under any other debt instrument issued by Borrower to Holder or Other Holder.

b) Remedies Upon Event of Default, Fundamental Transaction and Change of Control Transaction If any Event of Default or a Fundamental Transaction or a Change of Control Transaction occurs, the outstanding principal amount of this Note, liquidated damages and other amounts owing in respect thereof through the date of acceleration, shall become, at the Holder's election, immediately due and payable in cash at the Mandatory Default Amount. Commencing on the Maturity Date and also five (5) days after the occurrence of any Event of Default interest on this Note shall accrue at an interest rate equal to the lesser of 15% per annum or the maximum rate permitted under applicable law. Upon the payment in full of the Mandatory Default Amount, the Holder shall promptly surrender this Note to or as directed by Borrower. In connection with such acceleration described herein, the Holder need not provide, and Borrower hereby waives, any presentment, demand, protest or other notice of any kind, and the Holder may immediately and without expiration of any grace period enforce any and all of its rights and remedies hereunder and all other remedies available to it under applicable law. Such acceleration may be rescinded and annulled by Holder at any time prior to payment hereunder and the Holder shall have all rights as a holder of the Note until such time, if any, as the Holder receives full payment pursuant to this Section 8(b). No such rescission or annulment shall affect any subsequent Event of Default or impair any right consequent thereon.

Section 9. Security Interest/Waiver of Automatic Stay. This Note is secured by a security interest granted to the Holder pursuant to a Security Agreement, as delivered by Borrower to Holder. The Borrower acknowledges and agrees that should a proceeding under any bankruptcy or insolvency law be commenced by or against the Borrower or a Subsidiary, or if any of the Collateral (as defined in the Security Agreement) should become the subject of any bankruptcy or insolvency proceeding, then the Holder should be entitled to, among other relief to which the Holder may be entitled under the Transaction Documents and any other agreement to which the Borrower or a Subsidiary and Holder are parties (collectively, "Loan Documents") and/or applicable law, an order from the court granting immediate relief from the automatic stay pursuant to 11 U.S.C. Section 362 to permit the Holder to exercise all of its rights and remedies pursuant to the Loan Documents and/or applicable law. THE BORROWER EXPRESSLY WAIVES THE BENEFIT OF THE AUTOMATIC STAY IMPOSED BY 11 U.S.C. SECTION 362. FURTHERMORE, THE BORROWER EXPRESSLY ACKNOWLEDGES AND AGREES THAT NEITHER 11 U.S.C. SECTION 362 NOR ANY OTHER SECTION OF THE BANKRUPTCY CODE OR OTHER STATUTE OR RULE (INCLUDING, WITHOUT LIMITATION, 11 U.S.C. SECTION 105) SHALL STAY, INTERDICT, CONDITION, REDUCE OR INHIBIT IN ANY WAY THE ABILITY OF THE HOLDER TO ENFORCE ANY OF ITS RIGHTS AND REMEDIES UNDER THE LOAN DOCUMENTS AND/OR APPLICABLE LAW. The Borrower hereby consents to any motion for relief from stay that may be filed by the Holder in any bankruptcy or insolvency proceeding initiated by or against the Borrower and, further, agrees not to file any opposition to any motion for relief from stay filed by the Holder. The Borrower represents, acknowledges and agrees that this provision is a specific and material aspect of the Loan Documents, and that the Holder would not agree to the terms of the loan Documents if this waiver were not a part of this Note. The Borrower further represents, acknowledges and agrees that is waiver is knowingly, intelligently and voluntarily made, that neither the Holder nor any person acting on behalf of the Holder has made any representations to induce this waiver, that the Borrower has been represented (or has had the opportunity to be represented) in the signing of this Note and the Loan Documents and in the making of this waiver by independent legal counsel selected by the Borrower and that the Borrower has discussed this waiver with counsel.

Section 10. Miscellaneous.

a) Notices. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, or facsimile, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by facsimile, with accurate confirmation generated by the transmitting facsimile machine, at the address or number designated below (if delivered on a business day during normal business hours where such notice is to be received), or the first business day following such delivery (if delivered other than on a business day during normal business hours where such notice is to be received) or (b) on the second business day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The addresses for such communications shall be: (i) if to Borrower, to: Reign Sapphire Corporation, Inc., 9465 Wilshire Boulevard, Beverly Hills, CA 90212, Attn: Joseph Segelman, President and CEO, fax: (323) 704-3255, with a copy by fax only to: Bart and Associates, LLC, 8400 East Prentice Avenue, Suite 1500, Greenwood Village, CO 80111, Attn: Ken Bart, Esq., Fax: (720) 528-7765, and (ii) if to the Holder, to: the address and fax number indicated on the front page of this Note, with an additional copy by fax only to (which shall not constitute notice): Grushko & Mittman, P.C., 515 Rockaway Avenue, Valley Stream, New York 11581, facsimile: (212) 697-3575.

b) Absolute Obligation. Except as expressly provided herein, no provision of this Note shall alter or impair the obligation of Borrower, which is absolute and unconditional, to pay the principal of, liquidated damages and accrued interest, as applicable, on this Note at the time, place, and rate, and in the coin or currency, herein prescribed. This Note is a direct debt obligation of Borrower. This Note ranks pari passu with all other Notes now or hereafter issued under the terms set forth herein pursuant to the Purchase Agreement.

c) Lost or Mutilated Note. If this Note shall be mutilated, lost, stolen or destroyed, Borrower shall execute and deliver, in exchange and substitution for and upon cancellation of a mutilated Note, or in lieu of or in substitution for a lost, stolen or destroyed Note, a new Note for the principal amount of this Note so mutilated, lost, stolen or destroyed, but only upon receipt of evidence of such loss, theft or destruction of such Note, and of the ownership hereof, reasonably satisfactory to Borrower.

d) Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Note shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflict of laws thereof. Each party agrees that all legal proceedings concerning the interpretation, enforcement and defense of the transactions contemplated by any of the Transaction Documents (whether brought against a party hereto or its respective Affiliates, directors, officers, shareholders, employees or agents) shall be commenced in the state and federal courts sitting in the City of New York, Borough of Manhattan (the "New York Courts"). Each party hereto hereby irrevocably submits to the exclusive jurisdiction of the New York Courts 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 suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of such New York Courts, or such New York Courts are improper or inconvenient venue for such proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof 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 Note 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 applicable law. Each party hereto hereby irrevocably waives, to the fullest extent permitted by applicable law, any and all right to trial by jury in any legal proceeding arising out of or relating to this Note or the transactions contemplated hereby. If any party shall commence an action or proceeding to enforce any provisions of this Note, then the prevailing party in such action or proceeding shall be reimbursed by the other party for its attorneys fees and other costs and expenses incurred in the investigation, preparation and prosecution of such action or proceeding. **This Note shall be deemed an unconditional obligation of Borrower for the payment of money and, without limitation to any other remedies of Holder, may be enforced against Borrower by summary proceeding pursuant to New York Civil Procedure Law and Rules Section 3213 or any similar rule or statute in the jurisdiction where enforcement is sought. For purposes of such rule or statute, any other document or agreement to which Holder and Borrower are parties or which Borrower delivered to Holder, which may be convenient or necessary to determine Holder's rights hereunder or Borrower's obligations to Holder are deemed a part of this Note, whether or not such other document or agreement was delivered together herewith or was executed apart from this Note.**

e) Waiver. Any waiver by Borrower or the Holder of a breach of any provision of this Note shall not operate as or be construed to be a waiver of any other breach of such provision or of any breach of any other provision of this Note. The failure of Borrower or the Holder to insist upon strict adherence to any term of this Note on one or more occasions shall not be considered a waiver or deprive that party of the right thereafter to insist upon strict adherence to that term or any other term of this Note on any other occasion. Any waiver by Borrower or the Holder must be in writing.

f) Severability. If any provision of this Note is invalid, illegal or unenforceable, the balance of this Note shall remain in effect, and if any provision is inapplicable to any Person or circumstance, it shall nevertheless remain applicable to all other Persons and circumstances.

g) Usury. If it shall be found that any interest or other amount deemed interest due hereunder violates the applicable law governing usury, the applicable rate of interest due hereunder shall automatically be lowered to equal the maximum rate of interest permitted under applicable law. Borrower covenants (to the extent that it may lawfully do so) that it shall not at any time insist upon, plead, or in any manner whatsoever claim or take the benefit or advantage of, any stay, extension or usury law or other law which would prohibit or forgive Borrower from paying all or any portion of the principal of or interest on this Note as contemplated herein, wherever enacted, now or at any time hereafter in force, or which may affect the covenants or the performance of this Note, and Borrower (to the extent it may lawfully do so) hereby expressly waives all benefits or advantage of any such law, and covenants that it will not, by resort to any such law, hinder, delay or impede the execution of any power herein granted to the Holder, but will suffer and permit the execution of every such as though no such law has been enacted.

h) Next Business Day. Whenever any payment or other obligation hereunder shall be due on a day other than a Business Day, such payment shall be made on the next succeeding Business Day.

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

j) Amendment. Unless otherwise provided for hereunder, this Note may not be modified or amended or the provisions hereof waived without the written consent of Borrower and the Holder.

k) Facsimile Signature. In the event that the Borrower's signature is delivered by facsimile transmission, PDF, electronic signature or other similar electronic means, such signature shall create a valid and binding obligation of the Borrower with the same force and effect as if such signature page were an original thereof.

(Signature Pages Follow)

IN WITNESS WHEREOF, Borrower has caused this Note to be signed in its name by an authorized officer as of the 10th day of November, 2016.

REIGN SAPPHIRE CORPORATION

By: _____
Name: Joseph Segelman
Title: President

WITNESS:

ANNEX A

NOTICE OF CONVERSION

The undersigned hereby elects to convert principal under the Convertible Note Due May 10, 2018 of Reign Sapphire Corporation, a Delaware corporation (the "Company"), into shares of common stock (the "Common Stock"), of Borrower according to the conditions hereof, as of the date written below. If shares of Common Stock are to be issued in the name of a person other than the undersigned, the undersigned will pay all transfer taxes payable with respect thereto and is delivering herewith such certificates and opinions as reasonably requested by Borrower in accordance therewith. No fee will be charged to the holder for any conversion, except for such transfer taxes, if any.

By the delivery of this Notice of Conversion the undersigned represents and warrants to Borrower that its ownership of the Common Stock does not exceed the amounts specified under Section 4 of this Note, as determined in accordance with Section 13(d) of the Exchange Act.

The undersigned agrees to comply with the prospectus delivery requirements under the applicable securities laws in connection with any transfer of the aforesaid shares of Common Stock.

Conversion calculations:

Date to Effect Conversion: _____

Principal Amount of Note to be Converted: \$ _____

Number of shares of Common Stock to be issued: _____

Signature: _____

Name: _____

Address for Delivery of Common Stock Certificates: _____

Or

DWAC Instructions: _____

Broker No: _____

Account No: _____

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

REIGN SAPPHIRE CORPORATION

Warrant Shares: _____

Issuance Date: November 10, 2016

Warrant No: _____

THIS COMMON STOCK PURCHASE WARRANT (the "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, at any time on or after the six month anniversary of the date hereof (the "Initial Exercise Date") and on or prior to the close of business on the five (5) year anniversary of the Initial Trading Date (the "Termination Date") but not thereafter, to subscribe for and purchase from **REIGN SAPPHIRE CORPORATION**, a Delaware corporation (the "Company"), up to _____ shares (as subject to adjustment hereunder, the "Warrant Shares") of Common Stock. The purchase price of one share of Common Stock 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 November 10, 2016, among the Company and the purchasers signatory thereto and the Note issued to the Holder contemporaneously with this Warrant.

Section 2. Exercise.

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 copy of the Notice of Exercise Form annexed hereto. Within two (2) Trading Days following the date of exercise as aforesaid, 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. 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 three (3) 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 one (1) Trading Day of delivery of such notice. **The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree 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 **\$0.30**, subject to adjustment hereunder (the "Exercise Price").

c) Cashless Exercise. If at any time after the Initial Exercise Date, there is no effective Registration Statement registering, or no current prospectus available for 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, 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 quotient obtained by dividing [(A-B) (X)] by (A), where:

(A) = the VWAP on the Trading Day immediately preceding the date on which Holder elects to exercise this Warrant by means of a "cashless exercise," as set forth in the applicable Notice of Exercise;

(B) = the Exercise Price of this Warrant, as adjusted hereunder; and

(X) = 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.

Notwithstanding anything herein to the contrary, on the Termination Date, unless the Holder notifies the Company otherwise, if there is no effective Registration Statement registering, or no current prospectus available for, the resale of the Warrant Shares by the Holder, then this Warrant shall be automatically exercised via cashless exercise pursuant to this Section 2(c).

d) Mechanics of Exercise.

i. Delivery of Certificates Upon Exercise. Certificates for shares purchased hereunder shall be transmitted by the Transfer Agent to the Holder 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 either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to or resale of the Warrant Shares by the Holder or (B) this Warrant is being exercised via cashless exercise and Rule 144 is available, and otherwise by physical delivery to the address specified by the Holder in the Notice of Exercise by the date that is three (3) Trading Days after the latest of (A) the delivery to the Company of the Notice of Exercise, (B) surrender of this Warrant (if required) and (C) payment of the aggregate Exercise Price as set forth above (including by cashless exercise, if permitted) (such date, the "Warrant Share Delivery Date"). The Warrant Shares shall be deemed to have been issued, and 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 (or 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 \$10 per Trading Day (increasing to \$20 per Trading Day after the fifth (5th) Trading Day) after the Warrant Share Delivery Date for each \$1,000 of Exercise Price of Warrant Shares for which this Warrant is exercised which are not timely delivered. The Company shall pay any payments incurred under this Section 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.

ii. Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Warrant certificate, at the time of delivery of the certificate or certificates representing Warrant Shares, 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 with this Warrant.

iii. Rescission Rights. If the Company fails to 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 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 times (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 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, 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.

vii. Closing of Books. The Company will not close its stockholder books or records in any manner which prevents the timely exercise of this Warrant, pursuant to the terms hereof.

e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to Section 2 or otherwise, to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be issuable upon (i) exercise of the remaining, nonexercised portion of this Warrant beneficially owned by the Holder or any of its Affiliates and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates) and of which portion of this Warrant is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates) and of which portion of this Warrant is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Company shall within two Trading Days confirm orally and in writing 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 or its Affiliates since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon exercise of this Warrant. The Holder may decrease the Beneficial Ownership Limitation at any time and the Holder, upon not less than 61 days' prior notice to the Company, may increase the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of shares of the Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Warrant held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any such increase will not be effective until the 61st day after such notice is delivered to the Company. 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 correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph 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 re-classification.

b) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares 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 exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before 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, to the extent that the Holder's right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

c) 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 (which shall be subject to Section 3(c)), 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.

d) Fundamental Transaction. If, at any time while this Warrant is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person, (ii) the Company, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding Common Stock, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires more than 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination) (each a "Fundamental Transaction"), 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. 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 and the other Transaction Documents in accordance with the provisions of this Section 3(d) 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 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 Warrant and the other Transaction Documents with the same effect as if such Successor Entity had been named as the Company herein

e) Adjustment Upon Issuance of Shares of Common Stock. If and whenever on or after the date hereof, the Company issues or sells, or in accordance with this Section 3(e) is deemed to have issued or sold, any shares of Common Stock (including the issuance or sale of shares of Common Stock owned or held by or for the account of the Company, but excluding any Exempt Issuance issued or sold or deemed to have been issued or sold) for a consideration per share (the "New Issuance Price") less than a price equal to the Exercise Price in effect immediately prior to such issue or sale or deemed issuance or sale (such Exercise Price then in effect is referred to as the "Applicable Price") (the foregoing a "Dilutive Issuance"), then immediately after such Dilutive Issuance, the Exercise Price then in effect shall be reduced to the New Issuance Price except that after the later of (i) eighteen (18) months after the Issuance Date, or (ii) the date upon which the Note issued to the Holder pursuant to the Purchase Agreement is fully paid, the minimum adjusted Exercise Price shall not be less than \$0.15 per Warrant Share, subject to equitable adjustment and other adjustments pursuant to this Warrant. For all purposes of the foregoing (including, without limitation, determining the adjusted Exercise Price and consideration per share under this Section 3(e)), the following shall be applicable:

i. Issuance of Options. If the Company in any manner grants or sells any Options (other than Options that qualify as Exempt Issuances) and the lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Option or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the granting or sale of such Option for such price per share. For purposes of this Section 3(e)(i), the "lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Options or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option" shall be equal to (1) the lower of (x) the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to any one share of Common Stock upon the granting or sale of such Option, upon exercise of such Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option and (y) the lowest exercise price set forth in such Option for which one share of Common Stock is issuable upon the exercise of any such Options or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option minus (2) the sum of all amounts paid or payable to the holder of such Option (or any other Person) upon the granting or sale of such Option, upon exercise of such Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option plus the value of any other consideration received or receivable by, or benefit conferred on, the holder of such Option (or any other Person). Except as contemplated below, no further adjustment of the Exercise Price shall be made upon the actual issuance of such shares of Common Stock or of such Convertible Securities upon the exercise of such Options or upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities.

ii. Issuance of Convertible Securities. If the Company in any manner issues or sells any Convertible Securities (other than Convertible Securities that qualify as Exempt Issuances) and the lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the issuance or sale of such Convertible Securities for such price per share. For the purposes of this Section 3(e)(ii), the “lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof” shall be equal to (1) the lower of (x) the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to one share of Common Stock upon the issuance or sale of the Convertible Security and upon conversion, exercise or exchange of such Convertible Security and (y) the lowest conversion price set forth in such Convertible Security for which one share of Common Stock is issuable upon conversion, exercise or exchange thereof minus (2) the sum of all amounts paid or payable to the holder of such Convertible Security (or any other Person) upon the issuance or sale of such Convertible Security plus the value of any other consideration received or receivable by, or benefit conferred on, the holder of such Convertible Security (or any other Person). Except as contemplated below, no further adjustment of the Exercise Price shall be made upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities, and if any such issue or sale of such Convertible Securities is made upon exercise of any Options for which adjustment of this Note has been or is to be made pursuant to other provisions of this Section 3(e), except as contemplated below, no further adjustment of the Exercise Price shall be made by reason of such issue or sale.

iii. Change in Option Price or Rate of Conversion. If the purchase or exercise price provided for in any Options, the additional consideration, if any, payable upon the issue, conversion, exercise or exchange of any Convertible Securities, or the rate at which any Convertible Securities are convertible into or exercisable or exchangeable for shares of Common Stock increases or decreases at any time, the Exercise Price in effect at the time of such increase or decrease shall be adjusted to the Exercise Price which would have been in effect at such time had such Options or Convertible Securities provided for such increased or decreased purchase price, additional consideration or increased or decreased conversion rate, as the case may be, at the time initially granted, issued or sold. For purposes of this Section 3(e)(iii), if the terms of any Option or Convertible Security that was outstanding as of the date of issuance of this Note are increased or decreased in the manner described in the immediately preceding sentence, then such Option or Convertible Security and the shares of Common Stock deemed issuable upon exercise, conversion or exchange thereof shall be deemed to have been issued as of the date of such increase or decrease. No adjustment pursuant to this Section 3(e) shall be made if such adjustment would result in an increase of the Exercise Price then in effect.

(iv) Calculation of Consideration Received. If any Option and/or Convertible Security and/or Adjustment Right is issued in connection with the issuance or sale or deemed issuance or sale of any other securities of the Company (as determined by the Holder, the "Primary Security", and such Option and/or Convertible Security and/or Adjustment Right, the "Secondary Securities"), together comprising one integrated transaction, the consideration per share of Common Stock with respect to such Primary Security shall be deemed to be equal to the difference of (x) the lowest price per share for which one share of Common Stock was issued in such integrated transaction (or was deemed to be issued pursuant to Section 3(e)(i) or 3(e)(ii) above, as applicable) solely with respect to such Primary Security, minus (y) with respect to such Secondary Securities, the sum of (I) the Black Scholes Consideration Value of each such Option, if any, (II) the fair market value (as determined by the Holder) or the Black Scholes Consideration Value, as applicable, of such Adjustment Right, if any, and (III) the fair market value (as determined by the Holder) of such Convertible Security, if any, in each case, as determined on a per share basis in accordance with this Section 3(e)(iv). If any shares of Common Stock, Options or Convertible Securities are issued or sold or deemed to have been issued or sold for cash, the consideration received therefor (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value) will be deemed to be the net amount of consideration received by the Company therefor. If any shares of Common Stock, Options or Convertible Securities are issued or sold for a consideration other than cash (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value), the amount of such consideration received by the Company will be the fair value of such consideration, except where such consideration consists of publicly traded securities, in which case the amount of consideration received by the Company for such securities will be the arithmetic average of the VWAPs of such security for each of the five (5) Trading Days immediately preceding the date of receipt. If any shares of Common Stock, Options or Convertible Securities are issued to the owners of the non-surviving entity in connection with any merger in which the Company is the surviving entity (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value), the amount of consideration therefor will be deemed to be the fair value of such portion of the net assets and business of the non-surviving entity as is attributable to such shares of Common Stock, Options or Convertible Securities, as the case may be. The fair value of any consideration other than cash or publicly traded securities (for the purpose of determining the consideration paid for such Common Stock, Option or Convertible Security, but not for the purpose of the calculation of the Black Scholes Consideration Value) will be determined jointly by the Company and the Holder. If such parties are unable to reach agreement within ten (10) days after the occurrence of an event requiring valuation (the "Valuation Event"), the fair value of such consideration will be determined within five (5) Trading Days after the tenth (10th) day following such Valuation Event by an independent, reputable appraiser jointly selected by the Company and the Holder. The determination of such appraiser shall be final and binding upon all parties absent manifest error and the fees and expenses of such appraiser shall be borne by the Company.

f) 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.

g) 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 mail 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.

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, to the extent that such information constitutes material non-public information (as determined in good faith by the Company) the Company shall follow the procedure described in Section 13 of the Subscription Agreement and 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 mail such notice or any defect therein or in the mailing 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, the Company shall simultaneously file such notice with the 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.

h) Increase in Warrant Shares. In the event the Exercise Price is reduced for any reason, including but not limited to pursuant to Section 3(e) of this Warrant the number of Warrant Shares issuable hereunder shall be increased such that the aggregate Exercise Price payable hereunder, after taking into account the decrease in the Exercise Price, shall be equal to the aggregate Exercise Price prior to such adjustment.

Section 4. Transfer of Warrant.

a) Transferability. Subject to compliance with any applicable securities laws and the provisions of the Purchase 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 as set forth in Section 2(d)(i).

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 in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Warrant, shall not include the posting of any bond), 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.

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 the Warrant is outstanding, it will reserve from its authorized and unissued Common Stock a sufficient number of shares to provide for the issuance of the Warrant Shares upon the exercise of any purchase rights under this Warrant. 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 the 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). Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its 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 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 commercially reasonable 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. Before taking any action which would result in an adjustment in the number of Warrant Shares for which this Warrant is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

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

f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant, if not registered, or unless exercised in a cashless exercise when Rule 144 is available, and the Holder does not utilize cashless exercise, 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 Purchase Agreement, 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 Purchase 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.

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 the Holder or holder of 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 Holders of not less than a majority of the outstanding Warrants issued pursuant to the Purchase Agreement.

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.

REIGN SAPPHIRE CORPORATION

By:

Name: Joseph Segelman
Title: President

NOTICE OF EXERCISE

TO: REIGN SAPPHERE
CORPORATION

(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.)

REIGN SAPPHIRE CORPORATION

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.

**REIGN SAPPHIRE CORPORATION
AMENDED AND RESTATED
2015 EQUITY INCENTIVE PLAN**

SECTION 1. PURPOSE

The purpose of the Reign Sapphire Corporation 2015 Equity Incentive Plan is to attract, retain and motivate employees, officers, directors, consultants, agents, advisors and independent contractors of the Company and its Related Companies by providing them the opportunity to acquire a proprietary interest in the Company and to link their interests and efforts to the long-term interests of the Company's stockholders.

SECTION 2. DEFINITIONS

Certain terms used in the Plan have the meanings set forth in Appendix A.

SECTION 3. ADMINISTRATION

3.1 Administration of the Plan

The Plan shall be administered by the Board. All references in the Plan to the *'Plan Administrator'* shall be to the Board.

3.2 Administration and Interpretation by Plan Administrator

(a) Except for the terms and conditions explicitly set forth in the Plan, the Plan Administrator shall have full power and exclusive authority, to the extent permitted by applicable law and subject to such orders or resolutions not inconsistent with the provisions of the Plan as may from time to time be adopted by the Board to (i) select the Eligible Persons to whom Awards may from time to time be granted under the Plan; (ii) determine the type or types of Award to be granted to each Participant under the Plan; (iii) determine the number of shares of Common Stock to be covered by each Award granted under the Plan; (iv) determine the terms and conditions of any Award granted under the Plan; (v) approve the forms of notice or agreement for use under the Plan; (vi) determine whether, to what extent and under what circumstances Awards may be settled in cash, shares of Common Stock or other property or canceled or suspended; (vii) determine whether, to what extent and under what circumstances cash, shares of Common Stock, other property and other amounts payable with respect to an Award shall be deferred either automatically or at the election of the Participant; (viii) interpret and administer the Plan and any instrument evidencing an Award or notice or agreement entered into under the Plan; (ix) establish such rules and regulations as it shall deem appropriate for the proper administration of the Plan; (x) delegate ministerial duties to such of the Company's employees as it so determines; and (xi) make any other determination and take any other action that the Plan Administrator deems necessary or desirable for administration of the Plan.

(b) The effect on the vesting of an Award of a Company-approved leave of absence or a Participant's reduction in hours of employment or service shall be determined by the Company's chief human resources officer or other person performing that function or, with respect to directors or executive officers, by the Board, whose determination shall be final.

(c) Decisions of the Plan Administrator shall be final, conclusive and binding on all persons, including the Company, any Participant, any stockholder and any Eligible Person. A majority of the members of the Plan Administrator may determine its actions.

SECTION 4. SHARES SUBJECT TO THE PLAN

4.1 Authorized Number of Shares

Subject to adjustment from time to time as provided in Section 14.1, a maximum of 20,000,000 (Twenty Million) shares of Common Stock shall be available for issuance under the Plan. Shares issued under the Plan shall be drawn from authorized and unissued shares or shares now held or subsequently acquired by the Company as treasury shares.

4.2 Share Usage

(a) Shares of Common Stock covered by an Award shall not be counted as used unless and until they are actually issued and delivered to a Participant. If any Award lapses, expires, terminates or is canceled prior to the issuance of shares thereunder or if shares of Common Stock are issued under the Plan to a Participant and thereafter are forfeited to or otherwise reacquired by the Company, the shares subject to such Awards and the forfeited or reacquired shares shall again be available for issuance under the Plan. Any shares of Common Stock (i) tendered by a Participant or retained by the Company as full or partial payment to the Company for the purchase price of an Award or to satisfy tax withholding obligations in connection with an Award or (ii) covered by an Award that is settled in cash or in a manner such that some or all of the shares covered by the Award are not issued shall be available for Awards under the Plan. The number of shares of Common Stock available for issuance under the Plan shall not be reduced to reflect any dividends or dividend equivalents that are reinvested into additional shares of Common Stock or credited as additional shares of Common Stock subject or paid with respect to an Award.

(b) The Plan Administrator shall also, without limitation, have the authority to grant Awards as an alternative to or as the form of payment for grants or rights earned or due under other compensation plans or arrangements of the Company.

(c) Notwithstanding anything in the Plan to the contrary, the Plan Administrator may grant Substitute Awards under the Plan. In the event that a written agreement between the Company and an Acquired Entity pursuant to which a merger or consolidation is completed is approved by the Board and that agreement sets forth the terms and conditions of the substitution for or assumption of outstanding awards of the Acquired Entity, those terms and conditions shall be deemed to be the action of the Plan Administrator without any further action by the Plan Administrator.

(d) Notwithstanding the foregoing, the maximum number of shares that may be issued upon the exercise of Incentive Stock Options shall equal the aggregate share number stated in Section 4.1, subject to adjustment as provided in Section 14.1.

SECTION 5. ELIGIBILITY

An Award may be granted to any employee, officer or director of the Company or a Related Company whom the Plan Administrator from time to time selects. An Award may also be granted to any consultant, agent, advisor or independent contractor for bona fide services rendered to the Company or any Related Company that (a) are not in connection with the offer and sale of the Company's securities in a capital-raising transaction and (b) do not directly or indirectly promote or maintain a market for the Company's securities.

SECTION 6. AWARDS

6.1 Form, Grant and Settlement of Awards

The Plan Administrator shall have the authority, in its sole discretion, to determine the type or types of Awards to be granted under the Plan. Such Awards may be granted either alone, in addition to or in tandem with any other type of Award. Any Award settlement may be subject to such conditions, restrictions and contingencies as the Plan Administrator shall determine.

6.2 Evidence of Awards

Awards granted under the Plan shall be evidenced by a written, including an electronic, instrument that shall contain such terms, conditions, limitations and restrictions as the Plan Administrator shall deem advisable and that are not inconsistent with the Plan.

6.3 Deferrals

The Plan Administrator may permit or require a Participant to defer receipt of the payment of any Award if and to the extent set forth in the notice or agreement evidencing the Award at the time of grant. If any such deferral election is permitted or required, the Plan Administrator, in its sole discretion, shall establish rules and procedures for such payment deferrals, which may include the grant of additional Awards or provisions for the payment or crediting of interest or dividend equivalents, including converting such credits to deferred stock unit equivalents; provided, however, that the terms of any deferrals under this Section 6.3 shall comply with all applicable law, rules and regulations, including, without limitation, Section 409A of the Code.

6.4 Dividends and Distributions

Participants may, if and to the extent the Plan Administrator so determines and sets for in the notice or agreement evidencing the Award at the time of grant, be credited with dividends paid with respect to shares underlying an Award or dividend equivalents in a manner determined by the Plan Administrator in its sole discretion. The Plan Administrator may apply any restrictions to the dividends or dividend equivalents that the Plan Administrator deems appropriate. The Plan Administrator, in its sole discretion, may determine the form of payment of dividends or dividend equivalents, including cash, shares of Common Stock, Restricted Stock or Stock Units.

SECTION 7. OPTIONS

7.1 Grant of Options

The Plan Administrator may grant Options designated as Incentive Stock Options or Nonqualified Stock Options.

7.2 Option Exercise Price

The exercise price for shares purchased under an Option shall be at least 100% of the Fair Market Value of the Common Stock on the Grant Date as determined by the Board, but shall not be less than the minimum exercise price required by Section 8.3 with respect to Incentive Stock Options, except in the case of Substitute Awards.

7.3 Term of Options

Subject to earlier termination in accordance with the terms of the Plan and the instrument evidencing the Option, the maximum term of an Option (the *Option Term*) shall be ten years from the Grant Date. For Incentive Stock Options, the Option Term shall be as specified in Section 8.4.

7.4 Exercise of Options

The Plan Administrator shall establish and set forth in each instrument that evidences an Option the time at which, or the installments in which, the Option shall vest and become exercisable, any of which provisions may be waived or modified by the Plan Administrator at any time. If not so established in the instrument evidencing the Option, the Option shall vest and become exercisable according to the following schedule, which may be waived or modified by the Plan Administrator at any time:

**Period of Participant's Continuous
Employment or Service With the
Company or Its Related Companies
From the Vesting Commencement Date**

**Portion of Total Option That
Is Vested and Exercisable**

Annually
After 3 years

Equal Installments
100%

To the extent an Option has vested and become exercisable, the Option may be exercised in whole or from time to time in part by delivery to the Company of a properly executed stock option exercise agreement or notice, in a form and in accordance with procedures established by the Plan Administrator, setting forth the number of shares with respect to which the Option is being exercised, the restrictions imposed on the shares purchased under such exercise agreement or notice, if any, and such representations and agreements as may be required by the Plan Administrator, accompanied by payment in full as described in Sections 7.5 and 12. An Option may be exercised only for whole shares and may not be exercised for less than a reasonable number of shares at any one time, as determined by the Plan Administrator.

7.5 Payment of Exercise Price

The exercise price for shares purchased under an Option shall be paid in full to the Company by delivery of consideration equal to the product of the Option exercise price and the number of shares purchased. Such consideration must be paid before the Company will issue the shares being purchased and must be in a form or a combination of forms acceptable to the Plan Administrator for that purchase, which forms may include:

- (a) cash;
 - (b) check or wire transfer;
 - (c) having the Company withhold shares of Common Stock that would otherwise be issued on exercise of the Option that have a Fair Market Value on the date of exercise of the Option equal to the exercise price of the Option and, if applicable, shares equal to or less than the withholding required by Section 12 hereof;
 - (d) tendering (either actually or, if and as so long as the Common Stock is registered under Section 12(b) or 12(g) of the Exchange Act, by attestation) shares of Common Stock owned by the Participant that on the day prior to the exercise date have a Fair Market Value equal to the aggregate exercise price of the shares being purchased under the Option;
 - (e) if and so long as the Common Stock is registered under Section 12(b) or 12(g) of the Exchange Act, and to the extent permitted by law, delivery of a properly executed exercise agreement or notice, together with irrevocable instructions to a brokerage firm designated or approved by the Company to deliver promptly to the Company the aggregate amount of proceeds to pay the Option exercise price and any withholding tax obligations that may arise in connection with the exercise, all in accordance with the regulations of the Federal Reserve Board; or
 - (f) such other consideration as the Plan Administrator may permit.
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In addition, to assist a Participant (including directors and executive officers) in acquiring shares of Common Stock pursuant to an Option granted under the Plan, the Plan Administrator, in its sole discretion and to the extent permitted by applicable law, may authorize, either at the Grant Date or at any time before the acquisition of Common Stock pursuant to the Option, (i) the payment by a Participant of the purchase price of the Common Stock by a promissory note or (ii) the guarantee by the Company of a loan obtained by the Participant from a third party. Such notes or loans must be full recourse to the extent necessary to avoid adverse accounting charges to the Company's earnings for financial reporting purposes. Subject to the foregoing, the Plan Administrator shall in its sole discretion specify the terms of any loans or loan guarantees, including the interest rate and terms of and security for repayment.

7.6 Effect of Termination of Service

The Plan Administrator shall establish and set forth in each instrument that evidences an Option whether the Option shall continue to be exercisable, and the terms and conditions of such exercise, after a Termination of Service, any of which provisions may be waived or modified by the Plan Administrator at any time. If not so established in the instrument evidencing the Option, the Option shall be exercisable according to the following terms and conditions, which may be waived or modified by the Plan Administrator at any time:

- (a) Any portion of an Option that is not vested and exercisable on the date of a Participant's Termination of Service shall expire on such date.
- (b) Any portion of an Option that is vested and exercisable on the date of a Participant's Termination of Service shall expire on the earliest to occur of:
 - (i) if the Participant's Termination of Service occurs for reasons other than Cause, Retirement, Disability or death, the date that is three months after such Termination of Service;
 - (ii) if the Participant's Termination of Service occurs by reason of Retirement, Disability or death, the one-year anniversary of such Termination of Service; and
 - (iii) the Option Expiration Date.

Notwithstanding the foregoing, if a Participant dies after the Participant's Termination of Service but while an Option is otherwise exercisable, the portion of the Option that is vested and exercisable on the date of such Termination of Service shall expire upon the earlier to occur of (y) the Option Expiration Date and (z) the one-year anniversary of the date of death, unless the Plan Administrator determines otherwise.

Notwithstanding the foregoing, to the extent required by applicable law, unless employment or services are terminated for Cause, the right to exercise an Option in the event of Termination of Service, to the extent that the Participant is otherwise entitled to exercise an Option on the date of Termination of Service, shall be

- a. at least six months from the date of a Participant's Termination of Service if termination was caused by death or Disability; and
- b. at least 30 days from the date of a Participant's Termination of Service if termination was caused by other than death or Disability;
- c. but in no event later than the Option Expiration Date.

Also notwithstanding the foregoing, in case a Participant's Termination of Service occurs for Cause, all Options granted to the Participant shall automatically expire upon first notification to the Participant of such termination, unless the Plan Administrator determines otherwise. If a Participant's employment or service relationship with the Company is suspended pending an investigation of whether the Participant shall be terminated for Cause, all the Participant's rights under any Option shall likewise be suspended during the period of investigation. If any facts that would constitute termination for Cause are discovered after a Participant's Termination of Service, any Option then held by the Participant may be immediately terminated by the Plan Administrator, in its sole discretion.

(c) A Participant's change in status from an employee of the Company or a Related Company to a nonemployee director, consultant, advisor or independent contractor of the Company or a Related Company or a change in status from a nonemployee director, consultant, advisor or independent contractor of the Company or a Related Company to an employee of the Company or a Related Company shall not be considered a Termination of Service for purposes of this Section 7.6.

SECTION 8. INCENTIVE STOCK OPTION LIMITATIONS

Notwithstanding any other provisions of the Plan, the terms and conditions of any Incentive Stock Options shall in addition comply in all respects with Section 422 of the Code or any successor provision, and any applicable regulations thereunder, including, to the extent required thereunder, the following:

8.1 Dollar Limitation

To the extent the aggregate Fair Market Value (determined as of the Grant Date) of Common Stock with respect to which a Participant's Incentive Stock Options become exercisable for the first time during any calendar year (under the Plan and all other stock option plans of the Company and its parent and subsidiary corporations) exceeds \$100,000, such portion in excess of \$100,000 shall be treated as a Nonqualified Stock Option. In the event the Participant holds two or more such Options that become exercisable for the first time in the same calendar year, such limitation shall be applied on the basis of the order in which such Options are granted.

8.2 Eligible Employees

Individuals who are not employees of the Company or one of its parent or subsidiary corporations may not be granted Incentive Stock Options.

8.3 Exercise Price

The exercise price of an Incentive Stock Option shall be at least 100% of the Fair Market Value of the Common Stock on the Grant Date and, in the case of an Incentive Stock Option granted to a Participant who owns more than 10% of the total combined voting power of all classes of the stock of the Company or of its parent or subsidiary corporations (a "**Ten Percent Stockholder**"), shall not be less than 110% of the Fair Market Value of the Common Stock on the Grant Date. The determination of more than 10% ownership shall be made in accordance with Section 422 of the Code.

8.4 Option Term

Subject to earlier termination in accordance with the terms of the Plan and the instrument evidencing the Option, the Option Term of an Incentive Stock Option shall not exceed ten years, and in the case of an Incentive Stock Option granted to a Ten Percent Stockholder, shall not exceed five years.

8.5 Exercisability

An Option designated as an Incentive Stock Option shall cease to qualify for favorable tax treatment as an Incentive Stock Option to the extent it is exercised (if permitted by the terms of the Option) (a) more than three months after the date of a Participant's Termination of Service if termination was for reasons other than death or Disability, (b) more than one year after the date of a Participant's Termination of Service if termination was by reason of Disability, or (c) after the Participant has been on leave of absence for more than 90 days, unless the Participant's reemployment rights are guaranteed by statute or contract.

8.6 Taxation of Incentive Stock Options

In order to obtain certain tax benefits afforded to Incentive Stock Options under Section 422 of the Code, the Participant must hold the shares acquired upon the exercise of an Incentive Stock Option for two years after the Grant Date and one year after the date of exercise. A Participant may be subject to the alternative minimum tax at the time of exercise of an Incentive Stock Option. The Participant shall give the Company prompt notice of any disposition of shares acquired on the exercise of an Incentive Stock Option prior to the expiration of such holding periods.

8.7 Code Definitions

For the purposes of this Section 8, "disability," "parent corporation" and "subsidiary corporation" shall have the meanings attributed to those terms for purposes of Section 422 of the Code.

8.8 Promissory Notes

The amount of any promissory note delivered pursuant to Section 7.5 in connection with an Incentive Stock Option shall bear interest at a rate specified by the Plan Administrator, but in no case less than the rate required to avoid imputation of interest (taking into account any exceptions to the imputed interest rules) for federal income tax purposes.

SECTION 9. STOCK APPRECIATION RIGHTS

9.1 Grant of Stock Appreciation Rights

The Plan Administrator may grant Stock Appreciation Rights to Participants at any time on such terms and conditions as the Plan Administrator shall determine in its sole discretion. An SAR may be granted in tandem with an Option or alone ("*freestanding*"). The grant price of a tandem SAR shall be equal to the exercise price of the related Option. The grant price of a freestanding SAR shall be established in accordance with procedures for Options set forth in Section 7.2. An SAR may be exercised upon such terms and conditions and for the term as the Plan Administrator determines in its sole discretion; provided, however, that, subject to earlier termination in accordance with the terms of the Plan and the instrument evidencing the SAR, the maximum term of a freestanding SAR shall be ten years, and in the case of a tandem SAR, (a) the term shall not exceed the term of the related Option and (b) the tandem SAR may be exercised for all or part of the shares subject to the related Option upon the surrender of the right to exercise the equivalent portion of the related Option, except that the tandem SAR may be exercised only with respect to the shares for which its related Option is then exercisable.

9.2 Payment of SAR Amount

Upon the exercise of an SAR, a Participant shall be entitled to receive payment in an amount determined by multiplying: (a) the difference between the Fair Market Value of the Common Stock for the date of exercise over the grant price of the SAR by (b) the number of shares with respect to which the SAR is exercised. At the discretion of the Plan Administrator as set forth in the instrument evidencing the Award, the payment upon exercise of an SAR may be in cash, in shares, in some combination thereof or in any other manner approved by the Plan Administrator in its sole discretion.

9.3 Waiver of Restrictions

Subject to Section 17.3, the Plan Administrator, in its sole discretion, may waive any other terms, conditions or restrictions on any SAR under such circumstances and subject to such terms and conditions as the Plan Administrator shall deem appropriate.

SECTION 10. STOCK AWARDS, RESTRICTED STOCK AND STOCK UNITS

10.1 Grant of Stock Awards, Restricted Stock and Stock Units

The Plan Administrator may grant Stock Awards, Restricted Stock and Stock Units on such terms and conditions and subject to such repurchase or forfeiture restrictions, if any, which may be based on continuous service with the Company or a Related Company or the achievement of any performance goals, as the Plan Administrator shall determine in its sole discretion, which terms, conditions and restrictions shall be set forth in the instrument evidencing the Award.

10.2 Vesting of Restricted Stock and Stock Units

Upon the satisfaction of any terms, conditions and restrictions prescribed with respect to Restricted Stock or Stock Units, or upon a Participant's release from any terms, conditions and restrictions of Restricted Stock or Stock Units, as determined by the Plan Administrator, and subject to the provisions of Section 12, (a) the shares of Restricted Stock covered by each Award of Restricted Stock shall become transferable by the Participant subject to the terms and conditions of the Plan, the instrument evidencing the Award, and applicable securities laws, and (b) Stock Units shall be paid in shares of Common Stock or, if set forth in the instrument evidencing the Awards, in cash or a combination of cash and shares of Common Stock. Any fractional shares subject to such Awards shall be paid to the Participant in cash.

10.3 Waiver of Restrictions

Subject to Section 17.3, the Plan Administrator, in its sole discretion, may waive the repurchase or forfeiture period and any other terms, conditions or restrictions on any Restricted Stock or Stock Unit under such circumstances and subject to such terms and conditions as the Plan Administrator shall deem appropriate.

SECTION 11. OTHER STOCK OR CASH-BASED AWARDS

Subject to the terms of the Plan and such other terms and conditions as the Plan Administrator deems appropriate, the Plan Administrator may grant other incentives payable in cash or in shares of Common Stock under the Plan as it determines.

SECTION 12. WITHHOLDING

The Company may require the Participant to pay to the Company the amount of (a) any taxes that the Company is required by applicable federal, state, local or foreign law to withhold with respect to the grant, vesting or exercise of an Award ("*tax withholding obligations*") and (b) any amounts due from the Participant to the Company or to any Related Company ("*other obligations*"). The Company shall not be required to issue any shares of Common Stock or otherwise settle an Award under the Plan until such tax withholding obligations and other obligations are satisfied.

The Plan Administrator may permit or require a Participant to satisfy all or part of the Participant's tax withholding obligations and other obligations by (a) paying cash to the Company, (b) having the Company withhold an amount from any cash amounts otherwise due or to become due from the Company to the Participant, (c) having the Company withhold a number of shares of Common Stock that would otherwise be issued to the Participant (or become vested in the case of Restricted Stock) having a Fair Market Value equal to the tax withholding obligations and other obligations, or (d) surrendering a number of shares of Common Stock the Participant already owns having a value equal to the tax withholding obligations and other obligations. The value of the shares so withheld or tendered may not exceed the employer's minimum required tax withholding rate.

SECTION 13. ASSIGNABILITY

No Award or interest in an Award may be sold, assigned, pledged (as collateral for a loan or as security for the performance of an obligation or for any other purpose) or transferred by a Participant or made subject to attachment or similar proceedings otherwise than by will or by the applicable laws of descent and distribution, except to the extent the Participant designates one or more beneficiaries on a Company-approved form who may exercise the Award or receive payment under the Award after the Participant's death. During a Participant's lifetime, an Award may be exercised only by the Participant. Notwithstanding the foregoing and to the extent permitted by Section 422 of the Code, the Plan Administrator, in its sole discretion, may permit transfer to a revocable trust or as otherwise permitted by Rule 701 of the Securities Act, subject to such terms and conditions as the Plan Administrator shall specify.

SECTION 14. ADJUSTMENTS

14.1 Adjustment of Shares

In the event, at any time or from time to time, a stock dividend, stock split, spin-off, combination or exchange of shares, recapitalization, merger, consolidation, distribution to stockholders other than a normal cash dividend, or other change in the Company's corporate or capital structure results in (a) the outstanding shares of Common Stock, or any securities exchanged therefor or received in their place, being exchanged for a different number or kind of securities of the Company or any other company or (b) new, different or additional securities of the Company or any other company being received by the holders of shares of Common Stock, then the Plan Administrator shall make proportional adjustments in (i) the maximum number and kind of securities available for issuance under the Plan; (ii) the maximum number and kind of securities issuable as Incentive Stock Options as set forth in Section 4.2(d); and (iii) the number and kind of securities that are subject to any outstanding Award and the per share price of such securities, without any change in the aggregate price to be paid therefor. The determination by the Plan Administrator as to the terms of any of the foregoing adjustments shall be conclusive and binding.

Notwithstanding the foregoing, the issuance by the Company of shares of stock of any class, or securities convertible into shares of stock of any class, for cash or property, or for labor or services rendered, either upon direct sale or upon the exercise of rights or warrants to subscribe therefor, or upon conversion of shares or obligations of the Company convertible into such shares or other securities, shall not affect, and no adjustment by reason thereof shall be made with respect to, outstanding Awards. Also notwithstanding the foregoing, a dissolution or liquidation of the Company or a Company Transaction shall not be governed by this Section 14.1 but shall be governed by Sections 14.2 and 14.3, respectively.

14.2 Dissolution or Liquidation

To the extent not previously exercised or settled, and unless otherwise determined by the Plan Administrator in its sole discretion, Options, Stock Appreciation Rights and Stock Units shall terminate immediately prior to the dissolution or liquidation of the Company. To the extent a vesting condition, forfeiture provision or repurchase right applicable to an Award has not been waived by the Plan Administrator, the Award shall be forfeited immediately prior to the consummation of the dissolution or liquidation.

14.3 Company Transaction

14.3.1 Effect of a Company Transaction

Notwithstanding any other provision of the Plan to the contrary, unless the Plan Administrator shall determine otherwise with respect to a particular Award in the instrument evidencing the Award or in a written employment, services or other agreement between the Participant and the Company or a Related Company, in the event of a Company Transaction that is not a Related Party Transaction, all outstanding Awards shall become fully vested and exercisable or payable, and all applicable deferral and restriction limitations or forfeiture provisions shall lapse, immediately prior to the Company Transaction, and then terminate upon effectiveness of the Company Transaction, unless such Awards are assumed or substituted for by the Successor Company. Notwithstanding the foregoing, with respect to outstanding Options or Stock Appreciation Rights, the Plan Administrator, in its sole discretion, may instead provide that such Awards shall terminate upon consummation of such Company Transaction and that each such Participant shall receive, in exchange therefor, a cash payment equal to the amount (if any) by which (a) the Acquisition Price multiplied by the number of shares of Common Stock subject to such outstanding Options or SARs (either to the extent then vested and exercisable or whether or not then vested and exercisable, as determined by the Plan Administrator in its sole discretion) exceeds (b) the respective aggregate exercise price for such Options or grant price for such SARs. If and to the extent the Successor Company assumes or substitutes outstanding Awards, the vesting and exercisability or payment provisions applicable to such Awards shall remain in full effect and continue with respect to the Awards or any awards that may be issued in exchange or in substitution for such Awards, and the forfeiture provisions applicable to Restricted Stock shall not lapse, and all such restrictions shall continue with respect to any shares of the Successor Company or other consideration that may be issued in exchange or in substitution for such Restricted Stock.

14.3.2 Assumption or Substitution

For the purposes of this Section 14.3, an Award shall be considered assumed or substituted for if following the Company Transaction, an option or right confers the right to purchase or receive, for each share of Common Stock subject to the Award immediately prior to the Company Transaction, the consideration (whether stock, cash, or other securities or property) received in the Company Transaction by holders of Common Stock for each share held on the effective date of the transaction (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding shares); provided, however, that if such consideration received in the Company Transaction is not solely common stock of the Successor Company, the Plan Administrator may, with the consent of the Successor Company, provide for the consideration to be received upon the exercise of the Option, for each share of Common Stock subject thereto, to be solely common stock of the Successor Company substantially equal in fair market value to the per share consideration received by holders of Common Stock in the Company Transaction. The determination of such substantial equality of value of consideration shall be made by the Plan Administrator, and its determination shall be conclusive and binding.

14.4 Further Adjustment of Awards

Subject to Sections 14.2 and 14.3, the Plan Administrator shall have the discretion, exercisable at any time before a sale, merger, consolidation, reorganization, liquidation, dissolution or change in control of the Company, as defined by the Plan Administrator, to take such further action as it determines to be necessary or advisable with respect to Awards. Such authorized action may include (but shall not be limited to) establishing, amending or waiving the type, terms, conditions or duration of, or restrictions on, Awards so as to provide for earlier, later, extended or additional time for exercise, lifting restrictions and other modifications, and the Plan Administrator may take such actions with respect to all Participants, to certain categories of Participants or only to individual Participants. The Plan Administrator may take such action before or after granting Awards to which the action relates and before or after any public announcement with respect to such sale, merger, consolidation, reorganization, liquidation, dissolution or change in control that is the reason for such action.

14.5 No Limitations

The grant of Awards shall in no way affect the Company's right to adjust, reclassify, reorganize or otherwise change its capital or business structure or to merge, consolidate, dissolve, liquidate or sell or transfer all or any part of its business or assets.

14.6 Fractional Shares

In the event of any adjustment in the number of shares covered by any Award, each such Award shall cover only the number of full shares resulting from such adjustment.

14.7 Section 409A of the Code

Notwithstanding anything in this Plan to the contrary, (a) any adjustments made pursuant to this Section 14 to Awards that are considered "deferred compensation" within the meaning of Section 409A of the Code shall be made in compliance with the requirements of Section 409A of the Code; (b) any adjustments made pursuant to Section 14 to Awards that are not considered "deferred compensation" subject to Section 409A of the Code shall be made in such a manner as to ensure that after such adjustment the Awards either (i) continue not to be subject to Section 409A of the Code or (ii) comply with the requirements of Section 409A of the Code; and (c) in any event, the Plan Administrator shall not have the authority to make any adjustments pursuant to Section 14 to the extent the existence of such authority would cause an Award that is not intended to be subject to Section 409A of the Code at the time of grant to be subject thereto.

SECTION 15. FIRST REFUSAL RIGHTS

15.1 First Refusal Rights

Until the date on which the initial registration of the Common Stock under Section 12(b) or 12(g) of the Exchange Act first becomes effective, the Company shall have the right of first refusal with respect to any proposed sale or other disposition by a Participant of any shares of Common Stock issued pursuant to an Award. Such right of first refusal shall be exercisable in accordance with the terms and conditions established by the Plan Administrator and set forth in the agreement evidencing the Participant's receipt of the shares.

15.2 General

The Company's first refusal rights under this Section 15 are assignable by the Company at any time.

SECTION 16. MARKET STANDOFF

In the event of an underwritten public offering by the Company of its equity securities pursuant to an effective registration statement filed under the Securities Act, including the Company's initial public offering, no person may sell, make any short sale of, loan, hypothecate, pledge, grant any option for the purchase of, or otherwise dispose of or transfer for value or otherwise agree to engage in any of the foregoing transactions with respect to any shares issued pursuant to an Award granted under the Plan without the prior written consent of the Company or its underwriters. Such limitations shall be in effect for such period of time as may be requested by the Company or such underwriters; provided, however, that in no event shall such period exceed (a) 180 days after the effective date of the registration statement for such public offering or (b) such longer period requested by the underwriter as is necessary to comply with regulatory restrictions on the publication of research reports (including, but not limited to, NYSE Rule 472 or NASD Conduct Rule 2711). The limitations of this Section 16 shall in all events terminate two years after the effective date of the Company's initial public offering.

In the event of any stock split, stock dividend, recapitalization, combination of shares, exchange of shares or other change affecting the Company's outstanding Common Stock effected as a class without the Company's receipt of consideration, any new, substituted or additional securities distributed with respect to the shares issued under the Plan shall be immediately subject to the provisions of this Section 16, to the same extent the shares issued under the Plan are at such time covered by such provisions.

In order to enforce the limitations of this Section 16, the Company may impose stop-transfer instructions with respect to the purchased shares until the end of the applicable standoff period.

SECTION 17. AMENDMENT AND TERMINATION

17.1 Amendment, Suspension or Termination

The Board may amend, suspend or terminate the Plan or any portion of the Plan at any time and in such respects as it shall deem advisable; provided, however, that, to the extent required by applicable law, regulation or stock exchange rule, stockholder approval shall be required for any amendment to the Plan. Subject to Section 17.3, the Board may amend the terms of any outstanding Award, prospectively or retroactively.

17.2 Term of the Plan

The Plan shall terminate upon the earlier of (a) ten years after the adoption of the Plan by the Board and (b) the approval of the Plan by the stockholders. After the Plan is terminated, no future Awards may be granted, but Awards previously granted shall remain outstanding in accordance with their applicable terms and conditions and the Plan's terms and conditions.

17.3 Consent of Participant

The amendment, suspension or termination of the Plan or a portion thereof or the amendment of an outstanding Award shall not, without the Participant's consent, materially adversely affect any rights under any Award theretofore granted to the Participant under the Plan. Any change or adjustment to an outstanding Incentive Stock Option shall not, without the consent of the Participant, be made in a manner so as to constitute a "modification" that would cause such Incentive Stock Option to fail to continue to qualify as an Incentive Stock Option. Notwithstanding the foregoing, any adjustments made pursuant to Section 14 shall not be subject to these restrictions.

Notwithstanding any provision contained in the Plan to the contrary, the Board shall have broad authority to amend the Plan or any outstanding Award without the consent of a Participant to the extent the Board deems necessary or advisable to (a) comply with, or take into account, changes in applicable tax laws, securities laws, accounting rules and other applicable law, rules and regulations or (b) to ensure that an Award is not subject to additional taxes under Section 409A of the Code.

SECTION 18. GENERAL

18.1 No Individual Rights

No individual or Participant shall have any claim to be granted any Award under the Plan, and the Company has no obligation for uniformity of treatment of Participants under the Plan.

Furthermore, nothing in the Plan or any Award granted under the Plan shall be deemed to constitute an employment contract or confer or be deemed to confer on any Participant any right to continue in the employ of, or to continue any other relationship with, the Company or any Related Company or limit in any way the right of the Company or any Related Company to terminate a Participant's employment or other relationship at any time, with or without cause.

18.2 Issuance of Shares

Notwithstanding any other provision of the Plan, the Company shall have no obligation to issue or deliver any shares of Common Stock under the Plan or make any other distribution of benefits under the Plan unless, in the opinion of the Company's counsel, such issuance, delivery or distribution would comply with all applicable laws (including, without limitation, the requirements of the Securities Act or the laws of any state or foreign jurisdiction) and the applicable requirements of any securities exchange or similar entity.

The Company shall be under no obligation to any Participant to register for offering or resale or to qualify for exemption under the Securities Act, or to register or qualify under the laws of any state or foreign jurisdiction, any shares of Common Stock, security or interest in a security paid or issued under, or created by, the Plan, or to continue in effect any such registrations or qualifications if made.

As a condition to the exercise of an Option or any other receipt of Common Stock pursuant to an Award under the Plan, the Company may require (a) the Participant to represent and warrant at the time of any such exercise or receipt that such shares are being purchased or received only for the Participant's own account and without any present intention to sell or distribute such shares and (b) such other action or agreement by the Participant as may from time to time be necessary to comply with the federal, state and foreign securities laws. At the option of the Company, a stop-transfer order against any such shares may be placed on the official stock books and records of the Company, and a legend indicating that such shares may not be pledged, sold or otherwise transferred, unless an opinion of counsel is provided (concurring in by counsel for the Company) stating that such transfer is not in violation of any applicable law or regulation, may be stamped on stock certificates to ensure exemption from registration. The Plan Administrator may also require the Participant to execute and deliver to the Company a purchase agreement or such other agreement as may be in use by the Company at such time that describes certain terms and conditions applicable to the shares.

To the extent the Plan or any instrument evidencing an Award provides for issuance of stock certificates to reflect the issuance of shares of Common Stock, the issuance may be effected on a noncertificated basis, to the extent not prohibited by applicable law or the applicable rules of any stock exchange.

18.3 Indemnification

Each person who is or shall have been a member of the Board shall be indemnified and held harmless by the Company against and from any loss, cost, liability or expense that may be imposed upon or reasonably incurred by such person in connection with or resulting from any claim, action, suit or proceeding to which such person may be a party or in which such person may be involved by reason of any action taken or failure to act under the Plan and against and from any and all amounts paid by such person in settlement thereof, with the Company's approval, or paid by such person in satisfaction of any judgment in any such claim, action, suit or proceeding against such person; provided, however, that such person shall give the Company an opportunity, at its own expense, to handle and defend the same before such person undertakes to handle and defend it on such person's own behalf. Notwithstanding the prior sentence, the indemnification provisions of this Section 18.3 shall not apply if such loss, cost, liability or expense is a result of such person's own willful misconduct.

The foregoing right of indemnification shall not be exclusive of any other rights of indemnification to which such person may be entitled under the Company's certificate of incorporation or bylaws, as a matter of law, or otherwise, or of any power that the Company may have to indemnify or hold harmless.

18.4 No Rights as a Stockholder

Unless otherwise provided by the Plan Administrator or in the instrument evidencing the Award or in a written employment, services or other agreement, no Option, Stock Appreciation Right or Stock Unit shall entitle the Participant to any cash dividend, voting or other right of a stockholder unless and until the date of issuance under the Plan of the shares that are the subject of such Award.

18.5 Compliance with Laws and Regulations

In interpreting and applying the provisions of the Plan, any Option granted as an Incentive Stock Option pursuant to the Plan shall, to the extent permitted by law, be construed as an "incentive stock option" within the meaning of Section 422 of the Code.

Any Award granted pursuant to the Plan is intended to comply with the requirements of Section 409A of the Code, including any applicable regulations and guidance issued thereunder, and including transition guidance, to the extent Section 409A of the Code is applicable thereto and the terms of the Plan and any Award granted under the Plan shall be interpreted, operated and administered in a manner consistent with this intention to the extent the Company deems necessary to comply with Section 409A of the Code and any official guidance issued thereunder. Notwithstanding any other provision in the Plan, the Company, to the extent it deems necessary or advisable in its sole discretion, reserves the right, but shall not be required, to unilaterally amend or modify the Plan and any Award granted under the Plan so that the Award qualifies for exemption from or complies with Section 409A of the Code; provided, however, that the Company makes no representations that the Awards shall be exempt from or comply with Section 409A of the Code and makes no undertaking to preclude Section 409A of the Code from applying to Awards granted under the Plan. Also notwithstanding the foregoing, if at the time of a scheduled vesting date for an Award granted under the Plan that is subject to Section 409A of the Code the Participant is a "specified employee" of the Company within the meaning of that term under Section 409A of the Code and as determined by the Company, and payment would be treated as a payment made on "separation from service" within the meaning of that term under Section 409A of the Code, then, if such delayed commencement is otherwise required in order to avoid a prohibited distribution under Section 409A of the Code, the payment shall be delayed until the date which is six months after the date of such separation from service or, if earlier, the date of the Participant's death.

18.6 Participants in Other Countries or Jurisdictions

Without amending the Plan, the Plan Administrator may grant Awards to eligible persons who are foreign nationals on such terms and conditions different from those specified in the Plan, which may, in the judgment of the Plan Administrator, be necessary or desirable to foster and promote achievement of the purposes of the Plan and shall have the authority to adopt such modifications, procedures, subplans and the like as may be necessary or desirable to comply with provisions of the laws or regulations of other countries or jurisdictions in which the Company or any Related Company may operate or have employees to ensure the viability of the benefits from Awards granted to Participants employed in such countries or jurisdictions, meet the requirements that permit the Plan to operate in a qualified or tax efficient manner, comply with applicable foreign laws or regulations and meet the objectives of the Plan.

18.7 No Trust or Fund

The Plan is intended to constitute an "unfunded" plan. Nothing contained herein shall require the Company to segregate any monies or other property, or shares of Common Stock, or to create any trusts, or to make any special deposits for any immediate or deferred amounts payable to any Participant, and no Participant shall have any rights that are greater than those of a general unsecured creditor of the Company.

18.8 Successors

All obligations of the Company under the Plan with respect to Awards shall be binding on any successor to the Company, whether the existence of such successor is the result of a direct or indirect purchase, merger, consolidation, or otherwise, of all or substantially all the business and/or assets of the Company.

18.9 Severability

If any provision of the Plan or any Award is determined to be invalid, illegal or unenforceable in any jurisdiction, or as to any person, or would disqualify the Plan or any Award under any law deemed applicable by the Plan Administrator, such provision shall be construed or deemed amended to conform to applicable laws, or, if it cannot be so construed or deemed amended without, in the Plan Administrator's determination, materially altering the intent of the Plan or the Award, such provision shall be stricken as to such jurisdiction, person or Award, and the remainder of the Plan and any such Award shall remain in full force and effect.

18.10 Choice of Law and Venue

The Plan, all Awards granted thereunder and all determinations made and actions taken pursuant hereto, to the extent not otherwise governed by the laws of the United States, shall be governed by the laws of the State of California without giving effect to principles of conflicts of law. Participants irrevocably consent to the nonexclusive jurisdiction and venue of the state and federal courts located in the State of California.

18.11 Legal Requirements

The granting of Awards and the issuance of shares of Common Stock under the Plan is subject to all applicable laws, rules and regulations, and to such approvals by any governmental agencies or national securities exchanges as may be required.

SECTION 19. EFFECTIVE DATE

The effective date (the "*Effective Date*") is the date on which the Plan is adopted by the Board. If the stockholders of the Company do not approve the Plan within 12 months after the Board's adoption of the Plan, any Incentive Stock Options granted under the Plan will be treated as Nonqualified Stock Options. To the extent required under applicable law, any Award exercised before the stockholders of the Company approve the Plan shall be rescinded if the stockholders of the Company do not approve the Plan by the later of (a) within 12 months before or after the date on which the Board adopts the Plan and (b) prior to or within 12 months of the date on which any Award under the Plan is granted in California.

**PLAN ADOPTION
SUMMARY PAGE**

Date of Board Action	Action	Date of Stockholder Approval
May 1, 2015	Initial Plan Adoption	May 1, 2015
December 22, 2015	Increase number of shares reserved for issuance under Plan from 10,000,000 to 14,000,000	December 22, 2015
October 13, 2016	Increase number of shares reserved for issuance under Plan from 14,000,000 to 20,000,000	October 13, 2016

APPENDIX A

"**Acquired Entity**" means any entity acquired by the Company or a Related Company or with which the Company or a Related Company merges or combines.

"**Acquisition Price**" means the fair market value of the securities, cash or other property, or any combination thereof, receivable upon consummation of a Company Transaction in respect of a share of Common Stock.

"**Award**" means any Option, Stock Appreciation Right, Stock Award, Restricted Stock, Stock Unit or cash-based award or other incentive payable in cash or in shares of Common Stock, as may be designated by the Plan Administrator from time to time.

"**Board**" means the Board of Directors of the Company.

"**Cause**," unless otherwise defined in the instrument evidencing an Award or in a written employment, services or other agreement between the Participant and the Company or a Related Company, means dishonesty, fraud, serious or willful misconduct, unauthorized use or disclosure of confidential information or trade secrets, or conduct prohibited by law (except minor violations), in each case as determined by the Company's chief human resources officer or other person performing that function or, in the case of directors and executive officers, the Board, whose determination shall be conclusive and binding.

"**Code**" means the Internal Revenue Code of 1986, as amended from time to time.

"**Common Stock**" means the common stock, par value \$0.0001 per share, of the Company.

"**Company**" means Reign Sapphire Corporation, a Delaware corporation.

"**Company Transaction**," unless otherwise defined in the instrument evidencing the Award or in a written employment, services or other agreement between the Participant and the Company or a Related Company, means consummation of:

- (a) a merger or consolidation of the Company with or into any other company or other entity,
- (b) a sale in one transaction or a series of transactions undertaken with a common purpose of all of the Company's outstanding voting securities, or
- (c) a sale, lease, exchange or other transfer in one transaction or a series of related transactions undertaken with a common purpose of all or substantially all of the Company's assets.

Where a series of transactions undertaken with a common purpose is deemed to be a Company Transaction, the date of such Company Transaction shall be the date on which the last of such transactions is consummated.

"Disability," unless otherwise defined by the Plan Administrator or in the instrument evidencing the Award or in a written employment, services or other agreement between the Participant and the Company or a Related Company, means a mental or physical impairment of the Participant that is expected to result in death or that has lasted or is expected to last for a continuous period of 12 months or more and that causes the Participant to be unable to perform his or her material duties for the Company or a Related Company and to be engaged in any substantial gainful activity, in each case as determined by the Company's chief human resources officer or other person performing that function or, in the case of directors and executive officers, the Board, each of whose determination shall be conclusive and binding.

"Effective Date" has the meaning set forth in Section 19.

"Eligible Person" means any person eligible to receive an Award as set forth in Section 5.

"Exchange Act" means the Securities Exchange Act of 1934, as amended from time to time.

"Fair Market Value" means the per share fair market value of the Common Stock as established in good faith by the Plan Administrator or, if the Common Stock is publicly traded, the average of the high and low trading prices for the Common Stock on any given date during regular trading, or if not trading on that date, such price on the last preceding date on which the Common Stock was traded, unless determined otherwise by the Plan Administrator using such methods or procedures as it may establish.

"Grant Date" means the later of (a) the date on which the Plan Administrator completes the corporate action authorizing the grant of an Award or such later date specified by the Plan Administrator and (b) the date on which all conditions precedent to an Award have been satisfied, provided that conditions to the exercisability or vesting of Awards shall not defer the Grant Date.

"Incentive Stock Option" means an Option granted with the intention that it qualify as an "incentive stock option" as that term is defined for purposes of Section 422 of the Code or any successor provision.

"Nonqualified Stock Option" means an Option other than an Incentive Stock Option.

"Option" means a right to purchase Common Stock granted under Section 7.

"Option Expiration Date" means the last day of the maximum term of the Option.

"Option Term" means the maximum term of an Option as set forth in Section 7.3.

"Participant" means any Eligible Person to whom an Award is granted.

"Plan" means the Reign Sapphire Corporation 2015 Equity Incentive Plan.

"Plan Administrator" has the meaning set forth in Section 3.1.

"Related Company" means any entity that, directly or indirectly, is in control of, is controlled by or is under common control with the Company.

"Related Party Transaction" means (a) a merger or consolidation of the Company in which the holders of the outstanding voting securities of the Company immediately prior to the merger or consolidation hold at least a majority of the outstanding voting securities of the Successor Company immediately after the merger or consolidation; (b) a sale, lease, exchange or other transfer of all or substantially all of the Company's assets to a majority-owned subsidiary company; or (c) a transaction undertaken for the principal purpose of restructuring the capital of the Company, including, but not limited to, reincorporating the Company in a different jurisdiction, converting the Company to a limited liability company or creating a holding company.

"Restricted Stock" means an Award of shares of Common Stock granted under Section 10, the rights of ownership of which are subject to restrictions prescribed by the Plan Administrator.

"Retirement," unless otherwise defined in the instrument evidencing the Award or in a written employment, services or other agreement between the Participant and the Company or a Related Company, means "retirement" as defined for purposes of the Plan by the Plan Administrator or the Company's chief human resources officer or other person performing that function or, if not so defined, means Termination of Service on or after the date the Participant reaches "normal retirement age," as that term is defined in Section 411(a)(8) of the Code.

"Securities Act" means the Securities Act of 1933, as amended from time to time.

"Stock Appreciation Right" or "SAR" means a right granted under Section 9.1 to receive the excess of the Fair Market Value of a specified number of shares of Common Stock over the grant price.

"Stock Award" means an Award of shares of Common Stock granted under Section 10, the rights of ownership of which are not subject to restrictions prescribed by the Plan Administrator.

"Stock Unit" means an Award denominated in units of Common Stock granted under Section 10.

"Substitute Awards" means Awards granted or shares of Common Stock issued by the Company in substitution or exchange for, awards previously granted by an Acquired Entity.

"Successor Company" means the surviving company, the successor company, the acquiring company or its parent, as applicable, in connection with a Company Transaction.

"Termination of Service" means a termination of employment or service relationship with the Company or a Related Company for any reason, whether voluntary or involuntary, including by reason of death, Disability or Retirement. Any question as to whether and when there has been a Termination of Service for the purposes of an Award and the cause of such Termination of Service shall be determined by the Company's chief human resources officer or other person performing that function or, with respect to directors and executive officers, by the Board, whose determination shall be conclusive and binding. Transfer of a Participant's employment or service relationship between the Company and any Related Company shall not be considered a Termination of Service for purposes of an Award. Unless the Board determines otherwise, a Termination of Service shall be deemed to occur if the Participant's employment or service relationship is with an entity that has ceased to be a Related Company.

"Vesting Commencement Date" means the Grant Date or such other date selected by the Plan Administrator as the date from which an Award begins to vest.
