
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): February 24, 2017

IDEAL POWER INC.

(Exact name of registrant as specified in Charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

001-36216

(Commission File No.)

14-1999058

(IRS Employee Identification No.)

4120 Freidrich Lane, Suite 100
Austin, Texas, 78744

(Address of Principal Executive Offices)

512-264-1542

(Issuer Telephone number)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the Registrant under any of the following provisions (see General Instruction A.2 below).

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
 - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
 - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)).
 - Pre-commencement communications pursuant to Rule 13e-(c) under the Exchange Act (17 CFR 240.13(e)-4(c))
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Item 1.01 Entry into a Material Definitive Agreement.

On February 24, 2017, Ideal Power Inc., a Delaware corporation (the “*Company*”), entered into a Purchase Agreement (the “*Purchase Agreement*”), with the institutional and other accredited investors identified therein (each, an “*Investor*” and collectively, the “*Investors*”), relating to a private placement (the “*Private Placement*”) of the Company’s common stock (the “*Common Stock*”) and warrants (the “*Warrants*”) to purchase shares of Common Stock (the “*Warrant Shares*”). The Company also agreed to sell to Investors whose purchase of Common Stock would have resulted in such Investor, together with its affiliates and certain related parties, beneficially owning more than 9.99% of the Company’s outstanding Common Stock immediately following the consummation of this offering, shares of the Company’s newly designated Series A Convertible Preferred Stock (the “*Preferred Stock*”). Each share of Preferred Stock is convertible, subject to certain beneficial ownership limitations described in Item 3.02 below, into one share of Common Stock (the “*Conversion Shares*”) and, collectively with the Preferred Stock, the Common Stock, the Warrants and the Warrant Shares, the “*Securities*”). Under the Purchase Agreement, each share of Common Stock or Preferred Stock is being sold together with a Warrant to purchase one share of Common Stock at a price of \$2.535 per share of Common Stock and related Warrant, or per share of Preferred Stock and related Warrant. The Investors have agreed to purchase an aggregate of approximately 5,208,860 shares of Common Stock and 708,430 shares of Preferred Stock together with Warrants to purchase approximately 5,917,154 shares of Common Stock for aggregate gross proceeds of approximately \$15 million. The Warrants have an exercise price of \$2.41 per share, are non-exercisable for the first six months and will expire three years from the date of issuance. The Investors include all executive officers and directors of the Company, each of whom agreed to purchase the Securities on the same terms and conditions as the other Investors. The closing of the Private Placement (the “*Closing*”) is expected to occur on or about March 3, 2017, subject to satisfaction of customary closing conditions.

National Securities Corporation (“*National*”) has acted as the Company’s exclusive placement agent in connection with the Private Placement. At Closing, the Company will pay National a cash placement agent fee equal to 7.5% of the gross proceeds of the Private Placement. The Company will also issue to National a warrant (the “*Agent Warrant*”) to purchase up to that number of shares of Common Stock equal to 4% of the shares of Common Stock or Preferred Stock (excluding the shares of Common Stock underlying the Warrants) sold in the Private Placement. The Agent Warrant will be exercisable commencing 12 months and ending three years from the Closing at an exercise price of \$2.89 per share and shall otherwise conform to the terms and conditions of the Warrants sold to the investors in the Private Placement.

Pursuant to the Purchase Agreement, the Company has agreed to indemnify the Investors for liabilities arising out of or relating to any breach of any of the representations, warranties, covenants or agreements made by the Company in the Purchase Agreement or related documents, subject to certain exceptions. The Purchase Agreement also contains customary representations and warranties and covenants of the Company and is subject to customary closing conditions. The representations, warranties and covenants made by the Company in the Purchase Agreement were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements and such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of the Company’s affairs.

At the Closing, the Company also will enter into a registration rights agreement (the “*Registration Rights Agreement*”) with the Investors pursuant to which the Company will agree to register for resale the shares of Common Stock, the Warrant Shares and the Conversion Shares sold or issuable in the Private Placement (the “*Registrable Securities*”). Under the terms of the Registration Rights Agreement, the Company will be obligated to file a registration statement covering the resale or other disposition of the Registrable Securities by the Investors no later than 30 days after the Closing and to cause the registration statement to become effective no later than the earlier of (i) five business days after the Securities and Exchange Commission (the “*SEC*”) informs the Company that no review of the registration statement will be made or that the SEC has no further comments on the registration statement or (ii) 90 days after the Closing. The Registration Rights Agreement provides for liquidated damages upon the occurrence of certain events, including the Company’s failure to file the registration statement or cause it to become effective by the deadlines set forth above, or the Company’s failure to make available to Investors the benefits of Rule 144.

The Securities to be issued in the Private Placement were offered and will be sold exclusively to accredited investors in a transaction exempt from registration under the Securities Act of 1933, as amended (the “*Securities Act*”), as a transaction not involving a public offering, pursuant to Section 4(a)(2) of the Securities Act and Rule 506 of Regulation D promulgated thereunder.

The foregoing summaries of the Purchase Agreement, Registration Rights Agreement and the Warrants are qualified in their entirety by reference to the full text of the agreements, which are attached as Exhibits 10.1, 10.2 and 4.1 hereto and are incorporated herein by reference.

Item 2.02 Results of Operations and Financial Condition.

On February 27, 2017, Ideal Power Inc. (the “Company”) issued a press release announcing its financial results for the quarter and year ended December 31, 2016. The press release is included as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated by reference in its entirety into this Item 2.02. The press release contains forward-looking statements regarding the Company, and includes cautionary statements identifying important factors that could cause actual results to differ materially from those anticipated.

The Company will host a conference call with investors to discuss the results. The conference call will begin at 4:30 p.m. Eastern time on Monday, February 27, 2017. The call may be accessed in the U.S. by dialing 1-888-203-7337 and entering the passcode: 7770368. A webcast of the call may be found at <http://public.viavid.com/index.php?id=123092>. The webcast replay will be available on the Company’s website, www.idealpower.com.

The information furnished under this Item 2.02 of this Current Report on Form 8-K, including Exhibit 99.1, shall not be deemed to be “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934 (the “Exchange Act”), as amended, or otherwise subject to the liabilities of that Section. The information in this Item 2.02, including Exhibit 99.1, shall not be deemed incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act regardless of any general incorporation language in such filing.

Item 3.02 Unregistered Sales of Equity Securities.

The information set forth in Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference.

On February 24, 2017, the Company entered into an exchange agreement (the “*Exchange Agreement*”) with certain Investors that are affiliates of AWM Investment Company (the “*Exchanging Stockholders*”), pursuant to which the Company effected the exchange of 810,000 shares of Common Stock held by the Exchanging Stockholders for 810,000 shares of Preferred Stock. Pursuant to the terms of the Preferred Stock, the Exchanging Stockholders have the right to convert the Preferred Stock into shares of Common Stock on a one-for-one basis, subject to adjustment in the event of stock splits, recapitalizations and other similar events; provided, however, that the Preferred Stock cannot be converted by the Exchanging Stockholders if, after giving effect thereto, the Exchanging Stockholders would beneficially own more than 9.99% of the Company’s Common Stock (the “*Conversion Limitation*”). The Conversion Limitation can be increased or decreased by the Exchanging Stockholders, but in no event can exceed 9.99%, in each case calculated as provided in the certificate of designation establishing the Preferred Stock. The holders of the Preferred Stock will not have the right to vote on any matter except to the extent required by Delaware law.

The Preferred Stock was issued without registration under the Securities Act in reliance on the exemption from registration contained in Section 3(a)(9) thereof.

The description of the Exchange Agreement and the terms of the Preferred Stock are not complete and are qualified in their entirety by reference to the Exchange Agreement and the Certificate of Designation of Preferences, Rights and Limitations of Series A Convertible Preferred Stock, which are filed as Exhibit 10.3 and Exhibit 3.1, respectively, to this Current Report on Form 8-K and incorporated herein by reference. The representations, warranties and covenants made by the Company in the Exchange Agreement were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements and such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of the Company’s affairs.

Item 8.01 Other Events.

On February 27, 2017, the Company issued a press release announcing the Private Placement. A copy of the Company’s press release is being filed herewith as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits

Exhibit No.	Description
3.1	Certificate of Designation of Preferences, Rights and Limitations of Series A Convertible Preferred Stock
4.1	Form of Investor Warrant
10.1	Purchase Agreement, dated February 24, 2017 between the Registrant and the Investors party thereto
10.2	Form of Registration Rights Agreement between the Registrant and the Investors party thereto
10.3	Exchange Agreement, dated February 24, 2017, by and among the Company and the common stockholders listed in Schedule 1 thereto
99.1	Earnings press release issued February 27, 2017
99.2	Private placement press release issued February 27, 2017

SIGNATURE

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

Dated: February 27, 2017

IDEAL POWER INC.

By: /s/ Timothy Burns
Timothy Burns
Chief Financial Officer

EXHIBIT INDEX

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IDEAL POWER INC.
**CERTIFICATE OF DESIGNATION OF PREFERENCES,
RIGHTS AND LIMITATIONS
OF
SERIES A CONVERTIBLE PREFERRED STOCK**

PURSUANT TO SECTION 151 OF THE
DELAWARE GENERAL CORPORATION LAW

The undersigned, R. Daniel Brdar, does hereby certify that:

1. He is the Chief Executive Officer of Ideal Power Inc., a Delaware corporation (the "Corporation").
2. The Corporation is authorized by Article 4 of its Certificate of Incorporation (the "Certificate of Incorporation") to issue 10,000,000 shares of preferred stock, none of which are issued and outstanding.
3. The following resolutions were duly adopted by the board of directors of the Corporation (the "Board of Directors"):

WHEREAS, the Certificate of Incorporation provides for a class of its authorized stock known as preferred stock, consisting of 10,000,000 shares, \$0.001 par value per share, issuable from time to time in one or more series;

WHEREAS, the Board of Directors is authorized to fix, and to cause such preferred stock to be issued in series with such voting powers and such designations, preferences and relative, participating, optional or other special rights; and

WHEREAS, it is the desire of the Board of Directors, pursuant to its authority as aforesaid, to fix the rights, preferences, restrictions and other matters relating to a series of preferred stock, which shall consist of 3,000,000 shares of the Preferred Stock (as defined below) which the Corporation has the authority to issue, as follows:

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors does hereby provide for the issuance of a series of Preferred Stock and does hereby determine the rights, preferences, restrictions and other matters relating to such series of preferred stock as follows:

TERMS OF PREFERRED STOCK

Section 1. Definitions. For the purposes hereof, the following terms shall have the following meanings:

"Bloomberg" means Bloomberg Financial Markets.

"Business Day" means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

"Closing Bid Price" and "Closing Sale Price" means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing

bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported on the OTC Pink marketplace operated by OTC Markets Group Inc. If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Corporation and the Holder. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

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

“Common Stock” means the Corporation’s common stock, par value \$0.001 per share, and stock of any other class of securities into which such securities may hereafter be reclassified or changed.

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

“Convertible Securities” means any stock or securities (other than Options) directly or indirectly convertible into or exercisable or exchangeable for shares of Common Stock.

“DTC” means the Depository Trust Company.

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

“Fundamental Transaction” means that the Corporation shall, directly or indirectly, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Corporation is the surviving corporation) another Person (but excluding a migratory merger effected solely for the purpose of changing the jurisdiction of incorporation of the Corporation), (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the assets of the Corporation to another Person, (iii) allow another Person to make a purchase, tender or exchange offer that is accepted by the holders of more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer), (iv) consummate a stock 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 purchase agreement or other business combination), (v) reorganize, recapitalize or reclassify its Common Stock pursuant to which the Common Stock is effectively converted or exchanged for other securities, cash or property, or (vi) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the Exchange Act) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the Exchange Act), directly or indirectly, of 50% of the aggregate ordinary voting power represented by issued and outstanding Common Stock.

“Holder” means, as of any date, a registered holder of record of Preferred Stock on the books and records of the Corporation or any registrar or transfer agent for the Preferred Stock.

“Options” means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

“Original Issue Date” means the date of the first issuance of any shares of the Preferred Stock regardless of the number of transfers of any particular shares of Preferred Stock and regardless of the number of certificates which may be issued to evidence such Preferred Stock.

“Person” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity and a government or any department or agency thereof.

“Principal Market” means The NASDAQ Capital Market.

“Purchase Agreement” means the Purchase Agreement, dated February 24, 2017, among the Corporation, the original Holders and the other parties thereto, as amended, modified or supplemented from time to time in accordance with its terms.

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

“Trading Day” means any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded; provided that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less than 4.5 hours or any day that the Common Stock are suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time).

“Transfer Agent” means Corporate Stock Transfer, the current transfer agent for the Common Stock, and any successor transfer agent of the Corporation.

“Weighted Average Price” means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest closing bid price and the lowest closing ask price of any of the market makers for such security as reported on the OTC Pink marketplace operated by OTC Markets Group Inc. If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Corporation and the Holder. All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

Section 2. Designation, Amount and Par Value. This series of preferred stock shall be designated as the Corporation’s Series A Convertible Preferred Stock (the “Preferred Stock”) and the number of shares so designated shall be 3,000,000. Each share of Preferred Stock shall have a par value of \$0.001 and a stated value equal to \$2.535 (the “Stated Value”). The Preferred Stock may be represented by certificates or may be issued in book entry only; any references herein to certificates shall also be deemed to refer to book entry notations for such securities, to the extent applicable.

Section 3. Dividends. The Corporation shall not declare, pay or set aside any dividends on shares of any other class or series of capital stock of the Corporation (other than dividends in the form of Common Stock)

unless the holders of the Preferred Stock then outstanding shall first receive, or simultaneously receive, a dividend on each outstanding share of Preferred Stock in an amount at least equal to that dividend per share of Preferred Stock as would equal the product of (A) the dividend payable on each share of Common Stock and (B) the number of shares of Common Stock issuable upon conversion of a share of Preferred Stock, in each case calculated on the record date for determination of holders entitled to receive such dividend. Other than as set forth in the previous sentence, no other dividends shall be paid on shares of Preferred Stock, and the Corporation shall pay no dividends (other than dividends in the form of Common Stock) on shares of the Common Stock unless it complies with the previous sentence.

Section 4. Voting Rights. The Holders of Preferred Stock have no voting power whatsoever, except as otherwise required by the Delaware General Corporation Law (the “DGCL”) as modified by the Certificate of Incorporation.

Section 5. Liquidation. Upon any liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary (a “Liquidation”), after the satisfaction in full of the debts of the Corporation and the payment of any liquidation preference owed to the holders of shares of capital stock of the Corporation ranking prior to the Preferred Stock upon liquidation, the Holders of the Preferred Stock shall participate *pari passu* with the holders of the Common Stock (on an as-if-converted-to-Common-Stock basis without regard to any limitation in Section 6(d) on the conversion of this Preferred Stock) in the net assets of the Corporation. The Corporation shall mail written notice of any such Liquidation, not less than 30 days prior to the payment date stated therein, to each Holder. Neither (i) the consolidation or merger of the Corporation into or with any other entity or entities, (ii) the consolidation or merger of any entity or entities into the Corporation, nor (iii) the sale, lease or conveyance of all or substantially all the Corporation’s assets shall be deemed to be a Liquidation within the meaning of this Section 5.

Section 6. Conversion.

(a) Conversions at Option of Holder. Each share of Preferred Stock, or fraction thereof, shall be convertible, at any time and from time to time from and after the Original Issue Date at the option of the Holder thereof, into that number of shares of Common Stock (subject to the limitations set forth in Section 6(d)) determined by dividing the Stated Value of such share of Preferred Stock by the Conversion Price. Holders shall effect conversions by providing the Corporation with the form of conversion notice attached hereto as Annex A (a “Notice of Conversion”). Each Notice of Conversion shall specify the number of shares of Preferred Stock to be converted, the number of shares of Preferred Stock owned prior to the conversion at issue, the number of shares of Preferred Stock owned subsequent to the conversion at issue and the date on which such conversion is to be effected, which date may not be prior to the date the applicable Holder delivers by facsimile or email such Notice of Conversion to the Corporation (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 to the Corporation is deemed delivered hereunder. The calculations and entries set forth in the Notice of Conversion shall control in the absence of manifest or mathematical error. No ink-original Notice of Conversion shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Conversion form be required. To effect conversions of shares of Preferred Stock, a Holder shall not be required to surrender the certificate(s) representing the shares of Preferred Stock to the Corporation unless all of the shares of Preferred Stock represented thereby are so converted, in which case such Holder shall deliver the certificate representing such shares of Preferred Stock promptly following the Conversion Date at issue. If any shares of Preferred Stock shall be converted, redeemed or reacquired by the Corporation, such shares shall resume the status of authorized but unissued shares of preferred stock and shall no longer be designated as Series A Convertible Preferred Stock.

(b) Conversion Price. The conversion price for the Preferred Stock shall equal \$2.535, subject to adjustment as provided herein (the “Conversion Price”).

(c) Mechanics of Conversion

i. Delivery of Certificate Upon Conversion. Not later than three (3) Trading Days after each Conversion Date (the “Share Delivery Date”), the Corporation shall deliver, or cause to

be delivered, to the converting Holder one or more certificates representing the Conversion Shares or, upon written notice to the converting Holder, a book-entry statement representing the Conversion Shares which, to the extent provided in the Purchase Agreement, 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 the Preferred Stock. If the Corporation shall fail for any reason or for no reason to issue to the Holder within three (3) Trading Days of the Conversion Date a certificate for the number of shares of Common Stock to which the Holder is entitled and register such shares of Common Stock on the Corporation's share register or to credit the Holder's balance account with DTC for such number of shares of Common Stock to which the Holder is entitled upon the Holder's conversion of shares of Preferred Stock, and if on or after such Trading Day the Holder purchases, or another Person purchases on the Holder's behalf or for the Holder's account (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of shares of Common Stock issuable upon such exercise that the Holder anticipated receiving from the Corporation (a "Buy-In"), then the Corporation shall, within three (3) Business Days after the Holder's written request and in the Holder's discretion, either (i) pay cash to the Holder in an amount equal to the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased (the "Buy-In Price"), at which point the Corporation's obligation to deliver such certificate (and to issue such Conversion Shares) shall terminate, or (ii) promptly honor its obligation to deliver to the Holder a certificate or certificates representing such Conversion Shares and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock, times (B) the Closing Bid Price on the date of exercise.

ii. Obligation Absolute. The Corporation's obligation to issue and deliver the Conversion Shares upon conversion of Preferred Stock in accordance with the terms hereof are absolute and unconditional, irrespective of any action or inaction by a 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 such Holder or any other Person of any obligation to the Corporation or any violation or alleged violation of law by such Holder or any other person, and irrespective of any other circumstance which might otherwise limit such obligation of the Corporation to such Holder in connection with the issuance of such Conversion Shares; provided, however, that such delivery shall not operate as a waiver by the Corporation of any such action that the Corporation may have against such Holder.

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iii. Reservation of Shares Issuable Upon Conversion. The Corporation 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 the Preferred Stock and payment of dividends on the Preferred Stock, each 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 Preferred Stock), not less than such aggregate number of shares of the Common Stock as shall be issuable (taking into account the adjustments and restrictions of Section 7) upon the conversion of the then outstanding shares of Preferred Stock and payment of dividends hereunder. The Corporation covenants that all shares of Common Stock that shall be so issuable shall, upon issue, be duly authorized, validly issued, fully paid and non-assessable.

iv. Fractional Shares. No fractional shares or scrip representing fractional shares shall be issued upon the conversion of the Preferred Stock. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such conversion, the Corporation 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.

v. Transfer Taxes and Expenses. The issuance of certificates for shares of the Common Stock on conversion of this Preferred Stock shall be made without charge to any Holder for any documentary stamp or similar taxes that may be payable in respect of the issue or delivery of such certificates, provided that the Corporation 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 such shares of Preferred Stock and the Corporation 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 the Corporation the amount of such tax or shall have established to the satisfaction of the Corporation that such tax has been paid.

(d) Beneficial Ownership Limitation. The Corporation shall not effect the conversion of the Preferred Stock, and the Holder shall not have the right to convert the Preferred Stock, to the extent that after giving effect to such conversion, such Holder (together with such Holder's affiliates) would beneficially own in excess of 4.99% (the "Maximum Percentage") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Holder and its affiliates shall include the number of shares of Common Stock issuable upon conversion of the Preferred Stock with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (i) exercise of the remaining, unconverted shares of Preferred Stock beneficially owned by such Holder and its affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of the Corporation beneficially owned by such Holder and its affiliates (including, without limitation, any convertible notes or convertible preferred stock or warrants) subject to a limitation on conversion or exercise analogous to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this paragraph, beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act. For purposes of this Section 6(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 reflected in the most recent of (1) the Corporation's most recent Form 10-K, Form 10-Q, Current Report on Form 8-K or other public filing with the Commission, as the case may be, (2) a more recent public announcement by the Corporation or (3) any other notice by the Corporation or the Transfer Agent setting forth the number of shares of Common Stock outstanding. For any reason at any time, upon the written or oral request of the Holder, the Corporation shall within two (2) Business Days confirm 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 Corporation, including shares of Preferred Stock, by the Holder and its affiliates since the date as of which such number of outstanding shares of Common Stock was reported. By written notice to the Corporation, the Holder may from time to time increase or decrease the Maximum Percentage to any other percentage not in excess of 9.99% specified in such notice; provided that (i) any such increase will not be effective until the sixty-first (61st) day after such notice is delivered to the Corporation, and (ii) any such increase or decrease will apply only to the Holder. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 6(d) 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 Preferred Stock. The provisions of this Section 6(d) shall terminate and be of no further force and effect one business day prior to the consummation of any direct or indirect, purchase offer, tender offer or exchange offer (whether by the Corporation or another Person other than the Holder and its affiliates) pursuant to which holders of Common Stock are permitted to sell, tender or exchange 50% or more of their shares for other securities, cash or property.

Section 7. Certain Adjustments.

(a) Adjustment upon Subdivision or Combination of Common Stock. If the Corporation at any time on or after the issuance of the Preferred Stock subdivides (by any stock split, stock dividend, recapitalization, reorganization, scheme, arrangement or otherwise) one or more classes of its outstanding shares of Common Stock into a greater number of shares, the Conversion Price in effect immediately prior to

such subdivision will be proportionately reduced and the number of Conversion Shares will be proportionately increased. If the Corporation at any time on or after the issuance of the Preferred Stock combines (by any stock split, stock dividend, recapitalization, reorganization, scheme, arrangement or otherwise) one or more classes of its outstanding shares of Common Stock into a smaller number of shares, the Conversion Price in effect immediately prior to such combination will be proportionately increased and the number of Conversion Shares will be proportionately decreased. Any adjustment under this Section 7(a) shall become effective at the close of business on the date the subdivision or combination becomes effective.

(b) Purchase Rights. In addition to any adjustments pursuant to Section 7(a) above, if at any time the Corporation grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class 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 its Preferred Stock (without regard to any limitations on the conversion of the Preferred Stock) 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 such Purchase Right would result in the Holder's ownership exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent.

(c) Pro Rata Distributions. During such time as this Preferred Stock is outstanding, if the Corporation shall distribute to all holders of Common Stock (and not to the Holders) 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 (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), then in each such case the Conversion Price shall be adjusted by multiplying the Conversion 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 Weighted Average Price determined as of the record date mentioned above, and of which the numerator shall be such Weighted Average Price 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 Preferred Stock is outstanding, (i) the Corporation, directly or indirectly, in one or more related transactions, effects any Fundamental Transaction, each share of Preferred Stock shall, automatically and without any action on the part of the Holder, be converted at the effective time of such Fundamental Transaction into the right to receive the same consideration to be paid in respect of the outstanding shares of Common Stock as if such share of Preferred Stock had been converted into Common Stock immediately prior to the effective time of such Fundamental Transaction (without regard to any limitation in Section 6(d) on the conversion of this Preferred Stock). If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction ("Alternate Consideration"), then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any conversion of this Preferred Stock upon the effectiveness of such Fundamental Transaction.

(e) Calculations. All calculations under this Section 7 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 7, 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 the Corporation) issued and outstanding.

(f) Notice to the Holders.

i. Adjustment to Conversion Price. Whenever the Conversion Price is adjusted pursuant to any provision of this Section 7, the Corporation 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) the Corporation shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Corporation shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Corporation 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 the Corporation shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Corporation is a party, any sale or transfer of all or substantially all of the assets of the Corporation, or any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property or (E) the Corporation shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, then, in each case, the Corporation shall cause to be delivered to each Holder at its last address as it shall appear upon the stock books of the Corporation, 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 the Corporation or any of the Subsidiaries, the Corporation shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder shall remain entitled to convert any portion of this Preferred Stock 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 8. Miscellaneous.

(a) Notices. Any and all notices or other communications or deliveries to be provided by the Holders hereunder including, without limitation, any Notice of Conversion, shall be in writing and delivered personally, by facsimile or sent by a nationally recognized overnight courier service, addressed to the Corporation, at the following address:

Ideal Power Inc.
4120 Freidrich Lane, Suite 100
Austin, Texas 78744
Attention: Chief Financial Officer
Fax: (512) 264-1546

or such other address as the Corporation may specify for such purposes by notice to the Holders delivered in accordance with this Section 8. Any and all notices or other communications or deliveries to be provided by the Corporation hereunder shall be in writing and delivered personally, by facsimile, email, or sent by a

nationally recognized overnight courier service addressed to each Holder at the facsimile number, email address or mailing address of such Holder appearing on the books of the Corporation, or if no such facsimile number, email address or mailing address appears on the books of the Corporation, at the principal place of business of such Holder, as set forth in the Purchase Agreement. Any notice or other communication or deliveries hereunder shall be deemed given and effective on the earliest of (i) the date of transmission, if such notice or communication is delivered via facsimile or email (to the extent authorized) prior to 5:30 p.m. (New York City time) on any date, (ii) the next Trading Day after the date of transmission, if such notice or communication is delivered via facsimile or email (to the extent authorized) on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (iii) the second Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service, or (iv) upon actual receipt by the party to whom such notice is required to be given.

(b) Absolute Obligation. Except as expressly provided herein, no provision of this Certificate of Designation shall alter or impair the obligation of the Corporation, which is absolute and unconditional, to pay accrued dividends on the shares of Preferred Stock at the time, place, and rate, and in the coin or currency, herein prescribed.

(c) Lost or Mutilated Preferred Stock Certificate. If a Holder's Preferred Stock certificate shall be mutilated, lost, stolen or destroyed, the Corporation shall execute and deliver, in exchange and substitution for and upon cancellation of a mutilated certificate, or in lieu of or in substitution for a lost, stolen or destroyed certificate, a new certificate for the shares of Preferred Stock so mutilated, lost, stolen or destroyed, but only upon receipt of evidence of such loss, theft or destruction of such certificate, and of the ownership hereof reasonably satisfactory to the Corporation.

(d) Waiver. Any waiver by the Corporation or a Holder of a breach of any provision of this Certificate of Designation 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 Certificate of Designation or a waiver by any other Holders. The failure of the Corporation or a Holder to insist upon strict adherence to any term of this Certificate of Designation on one or more occasions shall not be considered a waiver or deprive that party (or any other Holder) of the right thereafter to insist upon strict adherence to that term or any other term of this Certificate of Designation on any other occasion. Any waiver by the Corporation or a Holder must be in writing.

(e) Severability. If any provision of this Certificate of Designation is invalid, illegal or unenforceable, the balance of this Certificate of Designation 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. 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.

(f) 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.

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

(h) Status of Converted or Redeemed Preferred Stock. If any shares of Preferred Stock shall be converted, redeemed or reacquired by the Corporation, such shares shall resume the status of authorized but unissued shares of preferred stock and shall no longer be designated as Series A Convertible Preferred Stock.

RESOLVED, FURTHER, that the Chairman, the chief executive officer, the president or any vice-president, and the secretary or any assistant secretary, of the Corporation be and they hereby are authorized and directed to prepare and file this Certificate of Designation of Preferences, Rights and Limitations in accordance with the foregoing resolution and the provisions of Delaware law.

IN WITNESS WHEREOF, the undersigned has executed this Certificate this 23rd day of February 2017.

/s/ R. Daniel Brdar

Name: R. Daniel Brdar

Title: Chief Executive Officer

[Signature Page to Certificate of Designation of Preferences, Rights and Limitations]

ANNEX A

NOTICE OF CONVERSION

(TO BE EXECUTED BY THE REGISTERED HOLDER IN ORDER TO CONVERT SHARES OF PREFERRED STOCK)

The undersigned hereby elects to convert the number of shares of Series A Convertible Preferred Stock indicated below into shares of common stock, par value \$0.001 per share (the "Common Stock"), of Ideal Power Inc., a Delaware corporation (the "Corporation"), 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 may be required by the Corporation in accordance with the Purchase Agreement. No fee will be charged to the Holders for any conversion, except for any such transfer taxes.

Conversion calculations:

Date to Effect Conversion: _____

Number of shares of Preferred Stock owned prior to Conversion: _____

Number of shares of Preferred Stock to be Converted: _____

Stated Value of shares of Preferred Stock to be Converted: _____

Number of shares of Common Stock to be Issued: _____

Applicable Conversion Price: _____

Number of shares of Preferred Stock subsequent to Conversion: _____

Address for Delivery: _____

HOLDER

By: _____

Name:

Title:

THE SECURITIES REPRESENTED HEREBY HAVE 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, AND, ACCORDINGLY, MAY NOT BE TRANSFERRED UNLESS (I) SUCH SECURITIES HAVE BEEN REGISTERED FOR SALE PURSUANT TO THE SECURITIES ACT OF 1933, AS AMENDED, (II) SUCH SECURITIES MAY BE SOLD PURSUANT TO RULE 144, OR (III) THE COMPANY HAS RECEIVED AN OPINION OF COUNSEL REASONABLY SATISFACTORY TO IT THAT SUCH TRANSFER MAY LAWFULLY BE MADE WITHOUT REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED.

PURSUANT TO THE TERMS OF SECTION 1 OF THIS WARRANT, ALL OR A PORTION OF THIS WARRANT MAY HAVE BEEN EXERCISED, AND THEREFORE THE ACTUAL NUMBER OF WARRANT SHARES REPRESENTED BY THIS WARRANT MAY BE LESS THAN THE AMOUNT SET FORTH ON THE FACE HEREOF.

IDEAL POWER INC.

WARRANT TO PURCHASE COMMON STOCK

Warrant No.: _____

Number of Shares of Common Stock: _____

Date of Issuance: [●], 2017 (“**Issuance Date**”)

Ideal Power Inc., a Delaware corporation (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [INVESTOR NAME], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon surrender of this Warrant to Purchase Common Stock (including any Warrants to Purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after [DATE] (the “**Exercisability Date**”), but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), [_____] (_____) fully paid nonassessable shares of Common Stock (as defined below) (the “**Warrant Shares**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 15. This Warrant is the Warrant to purchase Common Stock (this “**Warrant**”) issued pursuant to the Purchase Agreement (the “**Purchase Agreement**”), dated as of February [●], 2017 (the “**Subscription Date**”), by and among the Company and the investors party thereto. This Warrant is one of a series of warrants containing substantially identical terms and conditions issued pursuant to Purchase Agreement (collectively, the “**Warrants**”).

1. EXERCISE OF WARRANT.

(a) Mechanics of Exercise. Subject to the terms and conditions hereof, this Warrant may be exercised by the Holder on any day on or after the Exercisability Date, in whole or in part (but not as to fractional shares), by (i) delivery of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant and (ii) if both (A) the Holder is not electing a Cashless Exercise (as defined below) pursuant to Section 1(d) of this Warrant and (B) a registration statement registering the resale or other disposition of the Warrant Shares by the Holder under the Securities Act of 1933, as amended (the “**Securities Act**”), is effective and available for such resale or disposition, or an exemption from registration under the Securities Act is available for the resale or disposition of the Warrant Shares by the Holder, payment to the Company of an amount equal to the applicable Exercise Price multiplied by the number of Warrant Shares as to which this Warrant is being exercised (the “**Aggregate Exercise Price**”) in cash or wire transfer of immediately available funds (a “**Cash Exercise**”) (the items under (i) and (ii) above, the “**Exercise Delivery Documents**”). The Holder shall not be required to surrender this Warrant in order to effect an exercise hereunder; provided, however, that in the event that this Warrant is exercised in full or for the remaining unexercised portion hereof, the Holder shall deliver this Warrant to the Company for cancellation within a reasonable time after such exercise. On or before the first Trading Day following the date on which the Company has received the Exercise Delivery Documents (the date upon which the Company has received all of the Exercise Delivery Documents, the “**Exercise Date**”), the Company shall transmit by facsimile or e-mail transmission an acknowledgment of confirmation of receipt of the Exercise Delivery Documents to the Holder and the Company’s transfer agent for the Common Stock (the “**Transfer Agent**”). The Company shall deliver any objection to the Exercise Delivery Documents on or before the second Trading Day following the date on which the Company has received all of the Exercise Delivery Documents. On or before the second Trading Day following the date on which the Company has received all of the Exercise Delivery Documents (the “**Share Delivery Date**”), the Company shall, (X) provided that the Transfer Agent is participating in The Depository Trust Company (“**DTC**”) Fast Automated Securities Transfer Program (the “**FAST Program**”) and so long as the certificates therefor are not required to bear a legend regarding restriction on transferability, upon the request of the Holder, credit such aggregate number of shares of Common Stock to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit Withdrawal Agent Commission system, or (Y), if the Transfer Agent is not participating in the FAST Program or if the certificates are required to bear a legend regarding restriction on transferability, (i) issue and dispatch by overnight courier to the address as specified in the Exercise Notice, a certificate, registered in the Company’s share register in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder is entitled pursuant to such exercise or (ii) upon written notice to the Holder, effect book-entry delivery of such number of shares of Common Stock. Upon delivery of the Exercise Delivery Documents, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares, as the case may be. If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise, then the Company shall as soon as practicable and in no event later than three Trading Days after any such submission and at its own expense, issue a new

Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares purchasable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant has been and/or is exercised. The Company shall pay any and all taxes and other expenses of the Company (including overnight delivery charges) that may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant; provided, however, that the Company shall not be required to pay any tax which may be payable in respect of any transfer involved in the registration of any certificates for Warrant Shares or Warrants in a name other than that of the Holder or an affiliate thereof. The Holder shall be responsible for all other tax liability that may arise as a result of holding or transferring this Warrant or receiving Warrant Shares upon exercise hereof.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$2.41, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail for any reason or for no reason to issue to the Holder within three (3) Business Days of the Exercise Date a certificate for the number of shares of Common Stock to which the Holder is entitled and register such shares of Common Stock on the Company’s share register or to credit the Holder’s balance account with DTC for such number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise of this Warrant, and if on or after such Trading Day the Holder purchases, or another Person purchases on the Holder’s behalf or for the Holder’s account (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of shares of Common Stock issuable upon such exercise that the Holder anticipated receiving from the Company (a “**Buy-In**”), then the Company shall, within three (3) Business Days after the Holder’s written request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased (the “**Buy-In Price**”), at which point the Company’s obligation to deliver such certificate (and to issue such Warrant Shares) shall terminate, or (ii) promptly honor its obligation to deliver to the Holder a certificate or certificates representing such Warrant Shares and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock, times (B) the Closing Bid Price on the date of exercise.

(d) Cashless Exercise. Notwithstanding anything contained herein to the contrary, if a registration statement covering the Warrant Shares that are the subject of the Exercise Notice (the “**Unavailable Warrant Shares**”), or an exemption from registration, is not available for the resale of such Unavailable Warrant Shares, the Holder may, in its sole discretion, exercise this Warrant in whole or in part and, in lieu of making the cash payment otherwise contemplated to be made to the Company upon such exercise in payment of the Aggregate Exercise Price, elect instead to receive upon such exercise the “**Net Number**” of shares of Common Stock determined according to the following formula (a “**Cashless Exercise**”):

$$\text{Net Number} = \frac{(A \times B) - (A \times C)}{B}$$

For purposes of the foregoing formula:

A= the total number of shares with respect to which this Warrant is then being exercised.

B= the arithmetic average of the Closing Sale Prices of the shares of Common Stock for the five (5) consecutive Trading Days ending on the date immediately preceding the date of the Exercise Notice.

C= the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.

(e) Rule 144. For purposes of Rule 144(d) promulgated under the Securities Act, as in effect on the date hereof, assuming the Holder is not an affiliate of the Company, it is intended that the Warrant Shares issued in a Cashless Exercise shall be deemed not to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the date this Warrant was originally issued pursuant to the Purchase Agreement.

(f) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the Warrant Shares, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed.

(g) [Beneficial Ownership]. The Company shall not effect the exercise of this Warrant, and the Holder shall not have the right to exercise this Warrant, to the extent that after giving effect to such exercise, such Holder (together with such Holder's affiliates) would beneficially own in excess of [4.99%][9.99%] (the "**Maximum Percentage**") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Holder and its affiliates shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (i) exercise of the remaining, unexercised portion of this Warrant beneficially owned by such Holder and its affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company beneficially owned by such Holder and its affiliates (including, without limitation, any convertible notes or convertible preferred stock or warrants) subject to a limitation on conversion or exercise analogous to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this paragraph, beneficial ownership shall be calculated in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the "**Exchange Act**"). For purposes of this Warrant, in determining the number of outstanding shares of Common Stock, the Holder may rely on the number of outstanding shares of Common Stock as reflected in the most recent of (1) the Company's most recent Form 10-K, Form 10-Q, Current Report on Form 8-K or other public filing with the Securities and Exchange Commission, as the case may be, (2) a more recent public announcement by the Company or (3) any other notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. For any reason at any time, upon the written or

oral request of the Holder, the Company shall within two (2) Business Days confirm to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder and its affiliates since the date as of which such number of outstanding shares of Common Stock was reported. By written notice to the Company, the Holder may from time to time increase or decrease the Maximum Percentage to any other percentage not in excess of [4.99%][9.99%] specified in such notice; provided that (i) any such increase will not be effective until the sixty-first (61st) day after such notice is delivered to the Company, and (ii) any such increase or decrease will apply only to the Holder. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(g) 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.]

2. ADJUSTMENT OF EXERCISE PRICE AND NUMBER OF WARRANT SHARES. The Exercise Price and the number of Warrant Shares shall be adjusted from time to time as follows:

(a) Adjustment upon Issuance of shares of Common Stock. If and whenever on or after the Subscription Date, the Company issues or sells, or in accordance with this Section 2 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 shares of Common Stock deemed to have been issued by the Company in connection with any Excluded Securities (as defined below) (the “**Additional Shares**”) for a consideration per share (the “**New Issuance Price**”) less than a price (the “**Applicable Price**”) equal to the Exercise Price in effect immediately prior to such issue or sale or deemed issuance or sale (the foregoing a “**Dilutive Issuance**”), then immediately after such Dilutive Issuance, the Exercise Price then in effect shall be reduced to a price determined as follows:

$$\text{Adjusted Exercise Price} = \frac{(A \times B) + D}{A + C}$$

where

“A” equals the number of shares of Common Stock outstanding, including the Additional Shares deemed to be issued hereunder, immediately preceding the Dilutive Issuance;

“B” equals the Exercise Price in effect immediately preceding such Dilutive Issuance;

“C” equals the number of Additional Shares issued or deemed issued hereunder as a result of the Dilutive Issuance; and

“D” equals the aggregate consideration, if any, received or deemed to be received by the Company upon such Dilutive Issuance.

For purposes of determining the adjusted Exercise Price under this Section 2(a), the following shall be applicable:

(i) Issuance of Options. If the Company in any manner grants any Options 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 2(a)(i), the “lowest price per share for which one share of Common Stock is issuable upon exercise of such Options or upon conversion, exercise or exchange of such Convertible Securities issuable upon exercise of any such Option” shall be equal to 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 the Option, upon exercise of the Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option less any consideration paid or payable by the Company with respect to such 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. No further adjustment of the Exercise Price or number of Warrant Shares 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 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 2(a)(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 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 less any consideration paid or payable by the Company with respect to such one share of Common Stock upon the issuance or sale of such Convertible Security and upon conversion, exercise or exchange of such Convertible Security. No further adjustment of the Exercise Price or number of Warrant Shares 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 Warrant has been or is to be made pursuant to other provisions of this Section 2(a), no further adjustment of the Exercise Price or number of Warrant Shares shall be made by reason of such issue or sale.

(iii) Change in Option Price or Rate of Conversion . If the purchase 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 and the number of Warrant Shares in effect at the time of such increase or decrease shall be adjusted to the Exercise Price and the number of Warrant Shares 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 2(a)(iii), if the terms of any Option or Convertible Security that was outstanding as of the date of issuance of this Warrant 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 2(a) shall be made if such adjustment would result in an increase of the Exercise Price then in effect or a decrease in the number of Warrant Shares.

(iv) Calculation of Consideration Received. In case any Option is issued in connection with the issue or sale of other securities of the Company, together comprising one integrated transaction, (x) the Options will be deemed to have been issued for the Option Value of such Options and (y) the other securities issued or sold in such integrated transaction shall be deemed to have been issued for the difference of (I) the aggregate consideration received by the Company less any consideration paid or payable by the Company pursuant to the terms of such other securities of the Company, less (II) the Option Value. 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 will be deemed to be the net amount 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, the amount of such consideration received by the Company will be the fair value of such consideration, except where such consideration consists of securities, in which case the amount of consideration received by the Company will be the Closing Sale Price of such security on 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, 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 securities will be determined jointly by the Company and the Required Holders. 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 the Valuation Event by an independent, reputable appraiser jointly selected by the Company and the Required Holders. 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.

(v) Record Date. If the Company takes a record of the holders of shares of Common Stock for the purpose of entitling them (A) to receive a dividend or other distribution payable in shares of Common Stock, Options or in Convertible Securities or (B) to subscribe for or purchase shares of Common Stock, Options or Convertible Securities, then such record date will be deemed to be the date of the issue or sale of the shares of Common Stock deemed to have been issued or sold upon the declaration of such dividend or the making of such other distribution or the date of the granting of such right of subscription or purchase, as the case may be.

(vi) NASDAQ Limitation. Notwithstanding any other provision in this Section 2(a) to the contrary, if a reduction in the Exercise Price pursuant to Section 2(a) (other than as set forth in this clause (a)(vi)) would require the Company to obtain stockholder approval of the offering contemplated by the Purchase Agreement pursuant to Nasdaq Marketplace Rule 5635(d)(2) and such stockholder approval has not been obtained, (i) the Exercise Price shall be reduced to the maximum extent that would not require stockholder approval under such Section, and (ii) the Company shall use its commercially reasonable efforts to obtain such stockholder approval as soon as reasonably practicable, including by calling a special meeting of stockholders to vote on such Exercise Price adjustment. In the event that the stockholders do not approve the offering at such meeting, the Company shall promptly call one or more additional special meetings until such time as stockholder approval is obtained. This provision shall not restrict the number of shares of Common Stock which a Holder may receive or beneficially own in order to determine the amount of securities or other consideration that such Holder may receive in the event of any transaction contemplated by Sections 3 or 4 of this Warrant.

(b) Adjustment upon Subdivision or Combination of Common Stock. If the Company at any time on or after the Subscription Date subdivides (by any stock split, stock dividend, recapitalization, reorganization, scheme, arrangement or otherwise) one or more classes of its outstanding shares of Common Stock into a greater number of shares, the Exercise Price in effect immediately prior to such subdivision will be proportionately reduced and the number of Warrant Shares will be proportionately increased. If the Company at any time on or after the Subscription Date combines (by any stock split, stock dividend, recapitalization, reorganization, scheme, arrangement or otherwise) one or more classes of its outstanding shares of Common Stock into a smaller number of shares, the Exercise Price in effect immediately prior to such combination will be proportionately increased and the number of Warrant Shares will be proportionately decreased. Any adjustment under this Section 2(b) shall become effective at the close of business on the date the subdivision or combination becomes effective.

(c) Other Events. If any event occurs of the type contemplated by the provisions of this Section 2 but not expressly provided for by such provisions (including, without limitation, the granting of stock appreciation rights or phantom stock rights), then the Company's Board of Directors will make an appropriate adjustment in the Exercise Price and the number of Warrant Shares so as to protect the rights of the Holder; provided that no such adjustment pursuant to this Section 2(c) will increase the Exercise Price or decrease the number of Warrant Shares as otherwise determined pursuant to this Section 2.

3. RIGHTS UPON DISTRIBUTION OF ASSETS.

(a) If the Company, at any time while this Warrant is outstanding, shall distribute to all holders of Common Stock (and not to the Holders) 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 (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), 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 Weighted Average Price determined as of the record date mentioned above, and of which the numerator shall be such Weighted Average Price 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.

4. PURCHASE RIGHTS; FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class 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 the exercise of this Warrant) 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 such Purchase Right would result in the Holder's ownership exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Purchase Right to such extent.

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless the Successor Entity assumes in writing (unless the Company is the Successor Entity) all of the obligations of the Company under this Warrant and the other Transaction Documents in accordance with the provisions of this Section (4)(b) pursuant to written agreements in form and substance reasonably satisfactory to the Required Holders and approved by the Required Holders prior to such Fundamental Transaction, including agreements to deliver to each holder of the Warrants in exchange for such Warrants a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, including, without limitation, an adjusted exercise price equal to the value for the shares of Common

Stock reflected by the terms of such Fundamental Transaction, and exercisable for a corresponding number of shares of capital stock 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 reasonably satisfactory to the Required Holders. Upon the occurrence of any Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Warrant referring to the “Company” shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant with the same effect as if such Successor Entity had been named as the Company herein. Upon consummation of the Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) issuable upon the exercise of the Warrant prior to such Fundamental Transaction, such shares of the publicly traded common stock or common shares (or its equivalent) of the Successor Entity (including its Parent Entity) which the Holder would have been entitled to receive upon the happening of such Fundamental Transaction had this Warrant been converted immediately prior to such Fundamental Transaction, as adjusted in accordance with the provisions of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of shares of Common Stock are entitled to receive securities or other assets with respect to or in exchange for shares of Common Stock (a “**Corporate Event**”), the Company shall make appropriate provision to insure that the Holder will thereafter have the right to receive upon an exercise of this Warrant at any time after the consummation of the Corporate Event but prior to the Expiration Date, in lieu of shares of Common Stock (or other securities, cash, assets or other property) purchasable upon the exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the happening of such Corporate Event had this Warrant been exercised immediately prior to such Corporate Event. Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Required Holders. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events and shall be applied without regard to any limitations on the exercise of this Warrant.

(c) Black Scholes Value. Notwithstanding the foregoing and the provisions of Section 4(b) above, in the event of the consummation of a Fundamental Transaction that is (1) an all-cash transaction, (2) a “Rule 13e-3 transaction” as defined in Rule 13e-3 under the Exchange Act or (3) a Fundamental Transaction involving a person or entity not traded on an Eligible Market, at the request of the Holder delivered at any time commencing on the earlier to occur of (x) the public disclosure of the Fundamental Transaction or (y) the consummation of the Fundamental Transaction, through the date that is ninety (90) days after the public disclosure of the consummation of such Fundamental Transaction by the Company pursuant to a Current Report on Form 8-K filed with the SEC, the Company or the Successor Entity (as the case may be) shall purchase this Warrant from the Holder on the later of (i) the date of consummation of the Fundamental Transaction and (ii) the fifth Trading Day following the date of such request, in each case by paying to the Holder cash in an amount equal to the Black Scholes Value.

(d) Applicability to Successive Transactions. The provisions of this Section shall apply similarly and equally to successive Fundamental Transactions and Corporate Events and shall be applied without regard to any limitations on the exercise of this Warrant.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Certificate of Incorporation, Bylaws or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, 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, and will at all times in good faith comply with all the provisions of this Warrant and take all actions consistent with effectuating the purposes of this Warrant. Without limiting the generality of the foregoing, the Company (i) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (ii) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable shares of Common Stock upon the exercise of this Warrant, and (iii) shall, so long as this Warrant is outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of this Warrant, 100% of the number of shares of Common Stock issuable upon exercise of this Warrant then outstanding (without regard to any limitations on exercise).

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in such Person's capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in such Person's capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which such Person is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company.

7. REISSUANCE OF WARRANTS.

(a) Transfer of Warrant. If this Warrant is to be transferred, the Holder shall surrender this Warrant to the Company and deliver the completed and executed Assignment Form, in the form attached hereto as Exhibit B, whereupon the Company will forthwith issue and deliver upon the order of the Holder a new Warrant (in accordance with Section 7(d)), registered as the Holder may request, representing the right to purchase the number of Warrant Shares being transferred by the Holder and, if less than the total number of Warrant Shares then underlying this Warrant is being transferred, a new Warrant (in accordance with Section 7(d)) to the Holder representing the right to purchase the number of Warrant Shares not being transferred.

(b) Lost, Stolen or Mutilated Warrant. Upon receipt by the Company of evidence reasonably satisfactory to the Company of the loss, theft, destruction or mutilation of this Warrant, and, in the case of loss, theft or destruction, of any indemnification undertaking by the Holder to the Company in customary form and, in the case of mutilation, upon surrender and cancellation of this Warrant, the Company shall execute and deliver to the Holder a new Warrant (in accordance with Section 7(d)) representing the right to purchase the Warrant Shares then underlying this Warrant.

(c) Exchangeable for Multiple Warrants. This Warrant is exchangeable, upon the surrender hereof by the Holder at the principal office of the Company, for a new Warrant or Warrants (in accordance with Section 7(d)) representing in the aggregate the right to purchase the number of Warrant Shares then underlying this Warrant, and each such new Warrant will represent the right to purchase such portion of such Warrant Shares as is designated by the Holder at the time of such surrender; provided, however, that no Warrants for fractional shares of Common Stock shall be given.

(d) Issuance of New Warrants. Whenever the Company is required to issue a new Warrant pursuant to the terms of this Warrant, such new Warrant (i) shall be of like tenor with this Warrant, (ii) shall represent, as indicated on the face of such new Warrant, the right to purchase the Warrant Shares then underlying this Warrant (or in the case of a new Warrant being issued pursuant to Section 7(a) or Section 7(c), the Warrant Shares designated by the Holder which, when added to the number of shares of Common Stock underlying the other new Warrants issued in connection with such issuance, does not exceed the number of Warrant Shares then underlying this Warrant), (iii) shall have an issuance date, as indicated on the face of such new Warrant which is the same as the Issuance Date, and (iv) shall have the same rights and conditions as this Warrant.

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 9.4 of the Purchase Agreement.

9. AMENDMENT AND WAIVER. Except as otherwise provided herein, the provisions of this Warrant may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Required Holders. Any such amendment shall apply to all Warrants and be binding upon all registered holders of such Warrants.

10. GOVERNING LAW; CONSENT TO JURISDICTION; WAIVER OF JURY TRIAL. This Warrant shall be governed by, and construed in accordance with, the internal laws of the State of New York, without reference to the choice of law provisions thereof. The Company and, by accepting this Warrant, the Holder, each irrevocably submits to the exclusive jurisdiction of the courts of the State of New York located in New York County and the United States District Court for the Southern District of New York for the purpose of any suit, action, proceeding or judgment relating to or arising out of this Warrant and the transactions contemplated hereby. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Warrant. The Company and, by accepting this Warrant, the Holder, each irrevocably consents to

the jurisdiction of any such court in any such suit, action or proceeding and to the laying of venue in such court. The Company and, by accepting this Warrant, the Holder, each irrevocably waives any objection to the laying of venue of any such suit, action or proceeding brought in such courts and irrevocably waives any claim that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum. **EACH OF THE COMPANY AND, BY ITS ACCEPTANCE HEREOF, THE HOLDER HEREBY WAIVES ANY RIGHT TO REQUEST A TRIAL BY JURY IN ANY LITIGATION WITH RESPECT TO THIS WARRANT AND REPRESENTS THAT COUNSEL HAS BEEN CONSULTED SPECIFICALLY AS TO THIS WAIVER.**

11. CONSTRUCTION; HEADINGS. This Warrant shall be deemed to be jointly drafted by the Company and the Holder and shall not be construed against any person as the drafter hereof. The headings of this Warrant are for convenience of reference and shall not form part of, or affect the interpretation of, this Warrant.

12. DISPUTE RESOLUTION. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the Warrant Shares, the Company shall submit the disputed determinations or arithmetic calculations via facsimile within two (2) Business Days of receipt of the Exercise Notice giving rise to such dispute, as the case may be, to the Holder. If the Holder and the Company are unable to agree upon such determination or calculation of the Exercise Price or the Warrant Shares within three Business Days of such disputed determination or arithmetic calculation being submitted to the Holder, then the Company shall, within two (2) Business Days submit via facsimile (a) the disputed determination of the Exercise Price to an independent, reputable investment bank selected by the Company and approved by the Holder, which approval shall not be unreasonably withheld, or (b) the disputed arithmetic calculation of the Warrant Shares to the Company's independent, outside accountant. The Company shall cause the investment bank or the accountant, as the case may be, to perform the determinations or calculations and notify the Company and the Holder of the results no later than ten Business Days from the time it receives the disputed determinations or calculations. The prevailing party in any dispute resolved pursuant to this Section 12 shall be entitled to the full amount of all reasonable expenses, including all costs and fees paid or incurred in good faith, in relation to the resolution of such dispute. Such investment bank's or accountant's determination or calculation, as the case may be, shall be binding upon all parties absent demonstrable error.

13. REMEDIES, OTHER OBLIGATIONS, BREACHES AND INJUNCTIVE RELIEF. The remedies provided in this Warrant shall be cumulative and in addition to all other remedies available under this Warrant, at law or in equity (including a decree of specific performance and/or other injunctive relief), and nothing herein shall limit the right of the Holder to pursue actual damages for any failure by the Company to comply with the terms of this Warrant.

14. TRANSFER. Subject to applicable laws, this Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company

15. CERTAIN DEFINITIONS. For purposes of this Warrant, the following terms shall have the following meanings:

(a) **“Approved Stock Plan”** means any employee benefit plan or other issuance, employment agreement or option grant or similar agreement which has been approved by the Board of Directors of the Company, pursuant to which the Company’s securities may be issued to any employee, consultant, officer or director for services provided to the Company.

(b) **“Black Scholes Value”** means the value of the unexercised portion of this Warrant remaining on the date of the Holder’s request pursuant to Section 4(c), which value is calculated using the Black Scholes Option Pricing Model obtained from the “OV” function on Bloomberg utilizing (i) an underlying price per share equal to the greater of (1) the highest Closing Sale Price of the Common Stock during the period beginning on the Trading Day immediately preceding the earlier to occur of (x) the public disclosure of the applicable Fundamental Transaction or (y) the consummation of the applicable Fundamental Transaction and ending on the Trading Day of the consummation of the Fundamental Transaction and (2) the sum of the price per share being offered in cash in the applicable Fundamental Transaction (if any) plus the value of the non-cash consideration being offered in the applicable Fundamental Transaction (if any), (ii) a strike price equal to the Exercise Price in effect on the date of the Holder’s request pursuant to Section 4(c), (iii) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the greater of (1) the remaining term of this Warrant as of the date of the Holder’s request pursuant to Section 4(c) and (2) the remaining term of this Warrant as of the date of consummation of the applicable Fundamental Transaction or as of the date of the Holder’s request pursuant to Section 4(c) if such request is prior to the date of the consummation of the applicable Fundamental Transaction and (iv) an expected volatility equal to the greater of 100% and the 100 day volatility obtained from the HVT function on Bloomberg (determined utilizing a 365 day annualization factor) as of the Trading Day immediately following the public disclosure of the applicable Fundamental Transaction.

(c) **“Bloomberg”** means Bloomberg Financial Markets.

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

(e) **“Closing Bid Price”** and **“Closing Sale Price”** means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported on the OTC Pink marketplace operated by OTC Markets Group Inc. If the Closing Bid Price or

the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

(f) **“Common Stock”** means (i) the Company’s shares of Common Stock, par value \$0.001 per share, and (ii) any share capital into which such Common Stock shall have been changed or any share capital resulting from a reclassification of such Common Stock.

(g) **“Convertible Securities”** means any stock or securities (other than Options) directly or indirectly convertible into or exercisable or exchangeable for shares of Common Stock.

(h) **“Eligible Market”** means the Principal Market, The New York Stock Exchange, Inc., The NYSE MKT, The NASDAQ Global Market or The NASDAQ Global Select Market.

(i) **“Expiration Date”** means [DATE].

(j) **“Excluded Securities”** means: (i) capital stock, Options or Convertible Securities issued to directors, officers, employees or consultants of the Company in connection with their service as directors of the Company, their employment by the Company or their retention as consultants by the Company pursuant to an Approved Stock Plan, (ii) shares of Common Stock issued upon the conversion or exercise of Options or Convertible Securities that were issued and outstanding on the date immediately preceding the Subscription Date, provided such securities are not amended after the Subscription Date to increase the number of shares of Common Stock issuable thereunder or to lower the exercise or conversion price thereof, (iii) securities issued pursuant to the Purchase Agreement and securities issued upon the exercise or conversion of those securities, and (iv) shares of Common Stock issued or issuable by reason of a dividend, stock split or other distribution on shares of Common Stock (but only to the extent that such a dividend, split or distribution results in an adjustment in the Warrant Price pursuant to the other provisions of this Warrant).

(k) **“Fundamental Transaction”** means that the Company shall, directly or indirectly, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Person (but excluding a migratory merger effected solely for the purpose of changing the jurisdiction of incorporation of the Company), (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the assets of the Company to another Person, (iii) allow another Person to make a purchase, tender or exchange offer that is accepted by the holders of more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer), (iv) consummate a stock 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 purchase agreement or other business combination), (v) reorganize, recapitalize or reclassify its Common Stock pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property, or (vi) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the Exchange Act) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the Exchange Act), directly or indirectly, of 50% of the aggregate ordinary voting power represented by issued and outstanding Common Stock.

(l) **“Options”** means any rights, warrants or options to subscribe for or purchase shares of Common Stock or Convertible Securities.

(m) **“Option Value”** means the value of an Option based on the Black and Scholes Option Pricing model obtained from the “OV” function on Bloomberg determined as of the day prior to the public announcement of the applicable Option for pricing purposes and reflecting (i) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the remaining term of the applicable Option as of the applicable date of determination, (ii) an expected volatility equal to the greater of (a) 100% and (b) the 100 day volatility obtained from the HVT function on Bloomberg as of the day immediately following the public announcement of the issuance of the applicable Option, (iii) the underlying price per share used in such calculation shall be the highest Weighted Average Price of the Common Stock during the period beginning on the day prior to the execution of definitive documentation relating to the issuance of the applicable Option and the public announcement of such issuance and (iv) a 360 day annualization factor.

(n) **“Parent Entity”** of a Person means an entity that, directly or indirectly, controls the applicable Person and whose common stock or equivalent equity security is quoted or listed on an Eligible Market, or, if there is more than one such Person or Parent Entity, the Person or Parent Entity with the largest public market capitalization as of the date of consummation of the Fundamental Transaction.

(o) **“Person”** means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization, any other entity and a government or any department or agency thereof.

(p) **“Principal Market”** means The NASDAQ Capital Market.

(q) **“Registration Rights Agreement”** means the Registration Rights Agreement, in the form of Exhibit C to the Purchase Agreement, entered into by the Company and the original Holders pursuant to the Purchase Agreement.

(r) **“Required Holders”** means, as of any date, the holders of at least a majority of the Warrants outstanding as of such date.

(s) **“Successor Entity”** means the Person (or, if so elected by the Holder, the Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or the Person

(or, if so elected by the Holder, the Parent Entity) with which such Fundamental Transaction shall have been entered into.

(t) **“Trading Day”** means any day on which the Common Stock is traded on the Principal Market, or, if the Principal Market is not the principal trading market for the Common Stock, then on the principal securities exchange or securities market on which the Common Stock is then traded; *provided* that “Trading Day” shall not include any day on which the Common Stock is scheduled to trade on such exchange or market for less than 4.5 hours or any day that the Common Stock are suspended from trading during the final hour of trading on such exchange or market (or if such exchange or market does not designate in advance the closing time of trading on such exchange or market, then during the hour ending at 4:00:00 p.m., New York time).

(u) **“Weighted Average Price”** means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest closing bid price and the lowest closing ask price of any of the market makers for such security as reported on the OTC Pink marketplace operated by OTC Markets Group Inc. If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 12 with the term “Weighted Average Price” being substituted for the term “Exercise Price.” All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

[Signature Page Follows]

IN WITNESS WHEREOF, the Company has caused this Warrant to Purchase Common Stock to be duly executed as of the Issuance Date set out above.

IDEAL POWER INC.

By: /s/ Timothy Burns

Name: Timothy Burns

Title: Chief Financial Officer

WEST\275310263.6

EXERCISE NOTICE

TO BE EXECUTED BY THE REGISTERED HOLDER TO EXERCISE THIS
WARRANT TO PURCHASE COMMON STOCK

IDEAL POWER INC.

The undersigned holder hereby exercises the right to purchase _____ of the shares of Common Stock (“**Warrant Shares**”) of Ideal Power Inc., a Delaware corporation (the “**Company**”), evidenced by the attached Warrant to Purchase Common Stock (the “**Warrant**”). Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

1. Form of Exercise Price. The Holder intends that payment of the Exercise Price shall be made as:

_____ a “Cash Exercise” with respect to _____
Warrant Shares; and/or

_____ a “Cashless Exercise” with respect to _____
Warrant Shares.

2. Payment of Exercise Price. In the event that the holder has elected a Cash Exercise with respect to some or all of the Warrant Shares to be issued pursuant hereto, the holder shall pay the Aggregate Exercise Price in the sum of \$ _____ to the Company in accordance with the terms of the Warrant.

3. Delivery of Warrant Shares. The Company shall deliver to the holder _____ Warrant Shares in accordance with the terms of the Warrant and, after delivery of such Warrant Shares, _____ Warrant Shares remain subject to the Warrant.

Date: _____, _____

Name of Registered Holder _____

By: _____
Name:
Title:

ASSIGNMENT FORM

IDEAL POWER INC.

(To assign the foregoing Warrant, execute this form and supply required information. Do not use this form to purchase shares.)

FOR VALUE RECEIVED, the foregoing Warrant and all rights evidenced thereby are hereby assigned to

Name: _____
(Please Print)

Address: _____
(Please Print)

Dated: _____, _____

Holder's Signature: __

Holder's Address: __

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 whatever. Officers of corporations and those acting in a fiduciary or other representative capacity should file proper evidence of authority to assign the foregoing Warrant.

PURCHASE AGREEMENT

THIS PURCHASE AGREEMENT (“Agreement”) is made as of the 24th day of February, 2017 by and among Ideal Power Inc., a Delaware corporation (the “Company”), and the Investors set forth on the signature pages affixed hereto (each an “Investor” and collectively the “Investors”).

Recitals

A. The Company and the Investors are executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by the provisions of Regulation D (“Regulation D”), as promulgated by the U.S. Securities and Exchange Commission (the “SEC”) under the Securities Act of 1933, as amended; and

B. The Investors wish to purchase, severally and not jointly, from the Company, and the Company wishes to sell and issue to the Investors, upon the terms and conditions stated in this Agreement, (i) shares (the “Shares”) of the Company’s Common Stock, par value \$0.001 per share (together with any securities into which such shares may be reclassified, whether by merger, charter amendment or otherwise, the “Common Stock”), and (ii) warrants to purchase shares of Common Stock (subject to adjustment) at an exercise price of \$2.41 per share (subject to adjustment) in the form attached hereto as Exhibit A (the “Warrants”); and

C. The Company is also offering to those Investors whose purchase of Shares would result in such Investor, together with its affiliates and certain related parties, beneficially owning more than 9.99% of our outstanding Common Stock immediately following the consummation of this offering, the opportunity, in lieu of purchasing Shares, to purchase shares (the “Preferred Shares”) of the Company’s Series A Convertible Preferred Stock, par value \$0.001 per share, having the relative rights, preferences, limitations and powers set forth in the Certificate of Designation in the form attached hereto as Exhibit B (the “Certificate of Designation”) with a stated value of \$2.535 per Preferred Share and convertible into shares of Common Stock (the “Conversion Shares”) at a conversion price equal to \$2.535, subject to adjustment as provided therein; and

D. The Shares and the Warrants will be sold together in a fixed combination of one Share and one Warrant at a cash purchase price of \$2.535 per Share and related Warrant and the Preferred Shares and the Warrants will be sold together in a fixed combination of one Preferred Share and one Warrant at a cash purchase price of \$2.535 per Preferred Share (such purchase prices, the “Purchase Price”); provided, however, that the aggregate gross proceeds of the offering shall be no less than Eight Million Dollars (\$8,000,000), exclusive of the gross proceeds from any investment hereunder by the SSF Investors (the “Minimum Investment Amount”), and no more than Fifteen Million Dollars (\$15,000,000). Any purchase and sale of securities pursuant to this Agreement shall occur at one Closing (as defined below); and

E. Contemporaneous with the sale of the Shares, the Preferred Shares and the Warrants, the parties hereto will execute and deliver a Registration Rights Agreement, in the form attached hereto as Exhibit C (the “Registration Rights Agreement”), pursuant to which the Company will agree to provide certain registration rights under the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder, and applicable state securities laws; and

F. In connection with the offering, the Company, together with National Securities Corporation (the “Agent”), have entered into an escrow agreement, in the form attached hereto as Exhibit D (the “Escrow Agreement”), with Delaware Trust Company (the “Escrow Agent”), to hold the Purchase Price to be paid by the Investors (other than the SSF Investors), to be released at the Closing to the Company, upon the written consent of the Company and the Agent.

In consideration of the mutual promises made herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Definitions. In addition to those terms defined above and elsewhere in this Agreement, for the purposes of this Agreement, the following terms shall have the meanings set forth below:

“Affiliate” means, with respect to any Person, any other Person which directly or indirectly through one or more intermediaries Controls, is controlled by, or is under common Control with, such Person.

“Agent Related Persons” means any of the Agent’s directors, executive officers, general partners, managing members or other officers participating in the offering of the Securities.

“Business Day” means a day, other than a Saturday or Sunday, on which banks in New York City are open for the general transaction of business.

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

“Company’s Knowledge” means the actual knowledge of the executive officers (as defined in Rule 405 under the 1933 Act) of the Company, after due inquiry.

“Confidential Information” means trade secrets, confidential information and know-how (including but not limited to ideas, formulae, compositions, processes, procedures and techniques, research and development information, computer program code, performance specifications, support documentation, drawings, specifications, designs, business and marketing plans, and customer and supplier lists and related information).

“Control” (including the terms “controlling”, “controlled by” or “under common control with”) means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by contract or otherwise.

“Effective Date” means the date on which the initial Registration Statement is declared effective by the SEC.

“Effectiveness Deadline” means the date on which the initial Registration Statement is required to be declared effective by the SEC under the terms of the Registration Rights Agreement.

“Insider” means each director or executive officer of the Company, any other officer of the Company participating in the offering, any beneficial owner of 20% or more of the Company’s outstanding voting equity securities, calculated on the basis of voting power, and any promoter connected with the Company in any capacity on the date hereof.

“Intellectual Property” means all of the following: (i) patents, patent applications, patent disclosures and inventions (whether or not patentable and whether or not reduced to practice); (ii) trademarks, service marks, trade dress, trade names, corporate names, logos, slogans and Internet domain names, together with all goodwill associated with each of the foregoing; (iii) copyrights and copyrightable works; (iv) registrations, applications and renewals for any of the foregoing; and (v) proprietary computer software (including but not limited to data, data bases and documentation).

“Material Adverse Effect” means a material adverse effect on (i) the assets, liabilities, results of operations, condition (financial or otherwise), business, or prospects of the Company and its Subsidiaries taken as a whole, or (ii) the ability of the Company to perform its obligations under the Transaction Documents.

“Material Contract” means any contract, instrument or other agreement to which the Company or any Subsidiary is a party or by which it is bound which is material to the business of the Company and its Subsidiaries, taken as a whole, including those that have been filed or were required to have been filed as an exhibit to the SEC Filings pursuant to Item 601(b)(4) or Item 601(b)(10) of Regulation S-K.

“Nasdaq” means The Nasdaq Capital Market.

“Person” means an individual, corporation, partnership, limited liability company, trust, business trust, association, joint stock company, joint venture, sole proprietorship, unincorporated organization, governmental authority or any other form of entity not specifically listed herein.

“Registration Statement” has the meaning set forth in the Registration Rights Agreement.

“Required Investors” means (i) prior to Closing, the Investors who have agreed to purchase a majority of the Securities to be sold hereunder on the Closing Date and (ii) from and after the Closing the Investors who, together with their Affiliates, beneficially own (calculated in accordance with Rule 13d-3 under the 1934 Act without giving effect to any limitation on the conversion of the Preferred Shares set forth therein and any limitation on the exercise of the Warrants set forth therein) a majority of the Shares, Conversion Shares and Warrant Shares issuable pursuant hereto.

“SEC Filings” has the meaning set forth in Section 4.6.

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

“SSF Investors” means the Investors that are Affiliates of AWM Investment Company.

“Subsidiary” of any Person means another Person, an amount of the voting securities, other voting ownership or voting partnership interests of which is sufficient to elect at least a majority of its Board of Directors or other governing body (or, if there are no such voting interests, 50% or more of the equity interests of which) is owned directly or indirectly by such first Person.

“Transaction Documents” means this Agreement, the Certificate of Designation, the Warrants, the Registration Rights Agreement and the Escrow Agreement.

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

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

2. Purchase and Sale of the Shares and Warrants. Subject to the terms and conditions of this Agreement, on the Closing Date, each of the Investors shall severally, and not jointly, purchase, and the Company shall sell and issue to the Investors, the Shares, Preferred Shares (if applicable) and the Warrants in the respective amounts set forth opposite the Investors’ names on the signature pages attached hereto in exchange for the portion of the Purchase Price set forth opposite the Investors’ names on the signature pages attached hereto.

3. Closing. The closing of the purchase and sale of the Shares, the Warrants and, if applicable, the Preferred Shares (the “Closing”) shall take place at 11:00 a.m. (Eastern Time) as soon as practicable following the satisfaction or waiver of the conditions set forth in Sections 6.1 and 6.2 (the “Closing Date”), remotely by facsimile or other electronic transmission of documents or at such other time and place as the Company and the Investors may mutually agree. At the Closing, subject to the terms and conditions hereof, the Company will deliver to each Investor a certificate or certificates, registered in such name or names as such Investor may designate, representing the Shares, the Warrants and, if applicable, the Preferred Shares purchased by such Investor, dated as

of the Closing Date, against payment of the Purchase Price therefor by cash in the form of wire transfer, unless other means of payment shall have been agreed upon by the Investors and the Company. For the avoidance of doubt, the Company acknowledges that the SSF Investors shall not be required to pay the Purchase Price for their Shares, Warrants and, if applicable, Preferred Shares until certificates representing their Shares, Warrants and, if applicable, Preferred Shares have been delivered to the SSF Investors or their counsel to be held in escrow pending the Closing.

4 . Representations and Warranties of the Company. The Company hereby represents and warrants to the Investors that:

4. 1 Organization, Good Standing and Qualification. Each of the Company and its Subsidiaries is a corporation duly organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation and has all requisite corporate power and authority to carry on its business as now conducted and to own or lease its properties. Each of the Company and its Subsidiaries is duly qualified to do business as a foreign corporation and is in good standing in each jurisdiction in which the conduct of its business or its ownership or leasing of property makes such qualification or leasing necessary unless the failure to so qualify or to be in good standing has not had and could not reasonably be expected to have a Material Adverse Effect. The Company has no Subsidiaries. Throughout this Purchase Agreement, references to “Subsidiary” or “Subsidiaries” shall be ignored.

4 . 2 Authorization. The Company has full power and authority and, except for the filing of the Certificate of Designation with the Secretary of State of Delaware has taken all requisite action on the part of the Company, its officers, directors and stockholders necessary for (i) the authorization, execution and delivery of the Transaction Documents, (ii) the authorization of the performance of all obligations of the Company hereunder or thereunder, and (iii) the authorization, issuance (or reservation for issuance) and delivery of the Securities. The Transaction Documents constitute, or upon the execution and delivery thereof by the Company will constitute, the legal, valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability, relating to or affecting creditors’ rights generally and to general equitable principles.

4.3 Capitalization. The SEC Filings set forth the Company’s capitalization as of the date thereof. All of the issued and outstanding shares of the Company’s capital stock have been duly authorized and validly issued and are fully paid, nonassessable and free of pre-emptive rights and were issued in full compliance with applicable state and federal securities law and any rights of third parties. All of the issued and outstanding shares of capital stock of each Subsidiary have been duly authorized and validly issued and are fully paid, nonassessable and free of pre-emptive rights, were issued in full compliance with applicable state and federal securities law and any rights of third parties and are owned by the Company, beneficially and of record, subject to no lien, encumbrance or other adverse claim. Except as described in the SEC Filings, no Person is entitled to pre-emptive or similar statutory or contractual rights with respect to any securities of the Company. Except as described in the SEC Filings and except for the Warrants and the Preferred Shares issued pursuant to this Agreement, there are no outstanding warrants, options, convertible

securities or other rights, agreements or arrangements of any character under which the Company or any of its Subsidiaries is or may be obligated to issue any equity securities of any kind and except as contemplated by this Agreement. Except for potential issuance to MZ North America (“MZ”), the Company’s investor relations firm, of warrants to purchase not more than 50,000 shares of Common Stock (appropriately adjusted for any stock split, reverse stock split, stock dividend or other reclassification or combination of the Common Stock occurring after the date hereof) in connection with the negotiation in the ordinary course of business consistent with past practice of MZ’s contract for investor relations services to the Company (the “Permitted Issuance”), the Company is not currently in negotiations for the issuance of any equity securities of any kind. Except as described in the SEC Filings and except for the Registration Rights Agreement, there are no voting agreements, buy-sell agreements, option or right of first purchase agreements or other agreements of any kind among the Company and any of the securityholders of the Company relating to the securities of the Company held by them. Except as described in the SEC Filings and except as provided in the Registration Rights Agreement, no Person has the right to require the Company to register any securities of the Company under the 1933 Act, whether on a demand basis or in connection with the registration of securities of the Company for its own account or for the account of any other Person.

The issuance and sale of the Securities will not obligate the Company to issue shares of Common Stock or other securities to any other Person (other than the Investors) and will not result in the adjustment of the exercise, conversion, exchange or reset price of any outstanding security.

The Company does not have outstanding stockholder purchase rights or “poison pill” or any similar arrangement in effect giving any Person the right to purchase any equity interest in the Company upon the occurrence of certain events.

4.4 Valid Issuance. The Shares have been duly and validly authorized and, when issued and paid for pursuant to this Agreement, will be validly issued, fully paid and nonassessable, and shall be free and clear of all encumbrances and restrictions (other than those created by the Investors), except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws. Upon the filing of the Certificate of Designation with the Secretary of State of Delaware, the Preferred Shares will have been duly and validly authorized and, when issued and paid for pursuant to this Agreement, will be validly issued, fully paid and nonassessable, and shall be free and clear of all encumbrances and restrictions (other than those created by the Investors), except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws. Upon the due conversion of the Preferred Shares, the Conversion Shares will be validly issued, fully paid and non-assessable free and clear of all encumbrances and restrictions, except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws and except for those created by the Investors. The Company has reserved a sufficient number of shares of Common Stock for issuance upon the conversion of the Preferred Shares. The Warrants have been duly and validly authorized. Upon the due exercise of the Warrants, the Warrant Shares will be validly issued, fully paid and non-assessable free and clear of all encumbrances and restrictions, except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws and except for those created by the Investors. The Company has

reserved a sufficient number of shares of Common Stock for issuance upon the exercise of the Warrants.

4.5 Consents. Except for the filing of the Certificate of Designation with the Secretary of State of Delaware, the execution, delivery and performance by the Company of the Transaction Documents and the offer, issuance and sale of the Securities require no consent of, action by or in respect of, or filing with, any Person, governmental body, agency, or official other than filings that have been made pursuant to applicable state securities laws and post-sale filings pursuant to applicable state and federal securities laws which the Company undertakes to file within the applicable time periods. Subject to the accuracy of the representations and warranties of each Investor set forth in Section 5 hereof, the Company has taken all action necessary to exempt (i) the issuance and sale of the Securities, (ii) the issuance of the Conversion Shares upon due conversion of the Preferred Shares, (iii) the issuance of the Warrant Shares upon due exercise of the Warrants, and (iv) the other transactions contemplated by the Transaction Documents from the provisions of any stockholder rights plan or other “poison pill” arrangement, any anti-takeover, business combination or control share law or statute binding on the Company or to which the Company or any of its assets and properties may be subject and any provision of the Company’s Certificate of Incorporation or Bylaws that is or could reasonably be expected to become applicable to the Investors as a result of the transactions contemplated hereby, including without limitation, the issuance of the Securities and the ownership, disposition or voting of the Securities by the Investors or the exercise of any right granted to the Investors pursuant to this Agreement or the other Transaction Documents.

4.6 Delivery of SEC Filings; Business. The Company has made available to the Investors through the EDGAR system, true and complete copies of the Company’s most recent Annual Report on Form 10-K for the fiscal year ended December 31, 2015 (the “10-K”), and all other reports filed by the Company pursuant to the 1934 Act since the filing of the 10-K and prior to the date hereof (collectively, the “SEC Filings”). The SEC Filings are the only filings required of the Company pursuant to the 1934 Act for such period. The Company and its Subsidiaries are engaged in all material respects only in the business described in the SEC Filings and the SEC Filings contain a complete and accurate description in all material respects of the business of the Company and its Subsidiaries, taken as a whole. Since the filing of each of the SEC Filings, no event has occurred that would require an amendment or supplement to any such SEC Filing and as to which such an amendment or supplement has not been filed prior to the date hereof.

4.7 Use of Proceeds. The net proceeds of the sale of the Shares, the Preferred Shares and the Warrants hereunder shall be used by the Company for working capital and general corporate purposes.

4.8 No Material Adverse Change. Since September 30, 2016, except as identified and described in the SEC Filings or as described on Schedule 4.8, there has not been:

(i) any change in the consolidated assets, liabilities, financial condition or operating results of the Company from that reflected in the financial statements included in the Company’s Quarterly Report on Form 10-Q for the quarter ended September 30, 2016, except for

changes in the ordinary course of business which have not had and could not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate;

(ii) any declaration or payment of any dividend, or any authorization or payment of any distribution, on any of the capital stock of the Company, or any redemption or repurchase of any securities of the Company;

(iii) any material damage, destruction or loss, whether or not covered by insurance to any assets or properties of the Company or its Subsidiaries;

(iv) any waiver, not in the ordinary course of business, by the Company or any Subsidiary of a material right or of a material debt owed to it;

(v) any satisfaction or discharge of any lien, claim or encumbrance or payment of any obligation by the Company or a Subsidiary, except in the ordinary course of business and which is not material to the assets, properties, financial condition, operating results or business of the Company and its Subsidiaries taken as a whole (as such business is presently conducted and as it is proposed to be conducted);

(vi) any change or amendment to the Company's Certificate of Incorporation or Bylaws, or material change to any material contract or arrangement by which the Company or any Subsidiary is bound or to which any of their respective assets or properties is subject;

(vii) any material labor difficulties or labor union organizing activities with respect to employees of the Company or any Subsidiary;

(viii) any material transaction entered into by the Company or a Subsidiary other than in the ordinary course of business;

(ix) the loss of the services of any executive officer, other key employee, or material change in the composition or duties of the senior management of the Company or any Subsidiary;

(x) the loss or threatened loss of any customer which has had or could reasonably be expected to have a Material Adverse Effect; or

(xi) any other event or condition of any character that has had or could reasonably be expected to have a Material Adverse Effect.

4.9 SEC Filings; S-3 Eligibility.

(a) At the time of filing thereof, the SEC Filings complied as to form in all material respects with the requirements of the 1934 Act and did not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary in order

to make the statements made therein, in the light of the circumstances under which they were made, not misleading.

(b) The Company is eligible to use Form S-3 to register the Registrable Securities (as such term is defined in the Registration Rights Agreement) for sale or other disposition by the Investors as contemplated by the Registration Rights Agreement.

4.10 No Conflict, Breach, Violation or Default. The execution, delivery and performance of the Transaction Documents by the Company and the issuance and sale of the Securities will not (i) conflict with or result in a breach or violation of (a) any of the terms and provisions of, or constitute a default under the Company's Certificate of Incorporation or the Company's Bylaws, both as in effect on the date hereof (true and complete copies of which have been made available to the Investors through the EDGAR system), or (b) any statute, rule, regulation or order of any governmental agency or body or any court, domestic or foreign, having jurisdiction over the Company, any Subsidiary or any of their respective assets or properties, except, in the case of clause (b) only, for such conflicts, breaches or violations as have not had and could not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate, or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any lien, encumbrance or other adverse claim upon any of the properties or assets of the Company or any Subsidiary or give to others any rights of termination, amendment, acceleration or cancellation (with or without notice, lapse of time or both) of, any Material Contract, except for such as have not had and could not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate.

4.11 Tax Matters. The Company and each Subsidiary has timely prepared and filed all tax returns required to have been filed by the Company or such Subsidiary with all appropriate governmental agencies and timely paid all taxes shown thereon or otherwise owed by it, other than taxes being contested in good faith and for which adequate reserves have been made on the Company's financial statements included in the SEC Filings. The charges, accruals and reserves on the books of the Company in respect of taxes for all fiscal periods are adequate in all material respects, and there are no material unpaid assessments against the Company or any Subsidiary nor, to the Company's Knowledge, any basis for the assessment of any additional taxes, penalties or interest for any fiscal period or audits by any federal, state or local taxing authority except for any assessment which is not material to the Company and its Subsidiaries, taken as a whole. All taxes and other assessments and levies that the Company or any Subsidiary is required to withhold or to collect for payment have been duly withheld and collected and paid to the proper governmental entity or third party when due, other than taxes being contested in good faith and for which adequate reserves have been made on the Company's financial statements included in the SEC Filings. There are no tax liens or claims pending or, to the Company's Knowledge, threatened against the Company or any Subsidiary or any of their respective assets or property. Except as described in the SEC Filings, there are no outstanding tax sharing agreements or other such arrangements between the Company and any Subsidiary or other corporation or entity.

4.12 Title to Properties. Except as disclosed in the SEC Filings, the Company and each Subsidiary has good and marketable title to all real properties and all other properties and

assets owned by it, in each case free from liens, encumbrances and defects that would materially affect the value thereof or materially interfere with the use made or currently planned to be made thereof by them; and except as disclosed in the SEC Filings, the Company and each Subsidiary holds any leased real or personal property under valid and enforceable leases with no exceptions that would materially interfere with the use made or currently planned to be made thereof by them.

4.13 Certificates, Authorities and Permits. The Company and each Subsidiary possess adequate certificates, authorities or permits issued by appropriate governmental agencies or bodies necessary to conduct the business now operated by it, except where the failure to so possess has not had and could not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate, and neither the Company nor any Subsidiary has received any notice of proceedings relating to the revocation or modification of any such certificate, authority or permit that, if determined adversely to the Company or such Subsidiary, could reasonably be expected to have a Material Adverse Effect, individually or in the aggregate.

4.14 Labor Matters.

(a) Except as described in the SEC Filings, the Company is not a party to or bound by any collective bargaining agreements or other agreements with labor organizations. The Company has not violated in any material respect any laws, regulations, orders or contract terms, affecting the collective bargaining rights of employees, labor organizations or any laws, regulations or orders affecting employment discrimination, equal opportunity employment, or employees' health, safety, welfare, wages and hours.

(b) (i) There are no labor disputes existing, or to the Company's Knowledge, threatened, involving strikes, slow-downs, work stoppages, job actions, disputes, lockouts or any other disruptions of or by the Company's employees, (ii) there are no unfair labor practices or petitions for election pending or, to the Company's Knowledge, threatened before the National Labor Relations Board or any other federal, state or local labor commission relating to the Company's employees, (iii) no demand for recognition or certification heretofore made by any labor organization or group of employees is pending with respect to the Company and (iv) to the Company's Knowledge, the Company enjoys good labor and employee relations with its employees and labor organizations.

(c) The Company is, and at all times has been, in compliance with all applicable laws respecting employment (including laws relating to classification of employees and independent contractors) and employment practices, terms and conditions of employment, wages and hours, and immigration and naturalization, except for such instances of non-compliance as have not had and could not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate. There are no claims pending against the Company before the Equal Employment Opportunity Commission or any other administrative body or in any court asserting any violation of Title VII of the Civil Rights Act of 1964, the Age Discrimination Act of 1967, 42 U.S.C. §§ 1981 or 1983 or any other federal, state or local Law, statute or ordinance barring discrimination in employment.

(d) Except as disclosed in the SEC Filings or as described on Schedule 4.14, the Company is not a party to, or bound by, any employment or other contract or agreement that contains

any severance, termination pay or change of control liability or obligation, including, without limitation, any “excess parachute payment,” as defined in Section 280G(b) of the Internal Revenue Code.

(e) Except as disclosed in the SEC Filings, each of the Company's employees is a Person who is either a United States citizen or a permanent resident entitled to work in the United States. To the Company's Knowledge, the Company has no liability for the improper classification by the Company of such employees as independent contractors or leased employees prior to the Closing.

4.15 Intellectual Property.

(a) All Intellectual Property of the Company and its Subsidiaries is currently in compliance in all material respects with all legal requirements (including timely filings, proofs and payments of fees) and is valid and enforceable. No Intellectual Property of the Company or its Subsidiaries which is necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted or as currently proposed to be conducted has been or is now involved in any cancellation, dispute or litigation, and, to the Company's Knowledge, no such action is threatened. No patent of the Company or its Subsidiaries has been or is now involved in any interference, reissue, re-examination or opposition proceeding.

(b) All of the licenses and sublicenses and consent, royalty or other agreements concerning Intellectual Property which are necessary for the conduct of the Company's and each of its Subsidiaries' respective businesses as currently conducted or as currently proposed to be conducted to which the Company or any Subsidiary is a party or by which any of their assets are bound (other than generally commercially available, non-custom, off-the-shelf software application programs having a retail acquisition price of less than \$10,000 per license) (collectively, “License Agreements”) are valid and binding obligations of the Company or its Subsidiaries that are parties thereto and, to the Company's Knowledge, the other parties thereto, enforceable in accordance with their terms, except to the extent that enforcement thereof may be limited by bankruptcy, insolvency, reorganization, moratorium, fraudulent conveyance or other similar laws affecting the enforcement of creditors' rights generally, and there exists no event or condition which will result in a violation or breach of or constitute (with or without due notice or lapse of time or both) a default by the Company or any of its Subsidiaries under any such License Agreement, except for such violations, breaches and defaults as have not had and could not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate.

(c) The Company and its Subsidiaries own or have the valid right to use all of the Intellectual Property that is necessary for the conduct of the Company's and each of its Subsidiaries' respective businesses as currently conducted or as currently proposed to be conducted and for the ownership, maintenance and operation of the Company's and its Subsidiaries' properties and assets, free and clear of all liens, encumbrances, adverse claims or obligations to license all such owned Intellectual Property and Confidential Information, other than licenses entered into in the ordinary course of the Company's and its Subsidiaries' businesses. The Company and its Subsidiaries have a valid and enforceable right to use all third party Intellectual Property and

Confidential Information used or held for use in the respective businesses of the Company and its Subsidiaries.

(d) The conduct of the Company's and its Subsidiaries' businesses as currently conducted does not infringe or otherwise impair or conflict with (collectively, "Infringe") any Intellectual Property rights of any third party or any confidentiality obligation owed to a third party, and, to the Company's Knowledge, the Intellectual Property and Confidential Information of the Company and its Subsidiaries which are necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted or as currently proposed to be conducted are not being Infringed by any third party. There is no litigation or order pending or outstanding or, to the Company's Knowledge, threatened or imminent, that seeks to limit or challenge or that concerns the ownership, use, validity or enforceability of any Intellectual Property or Confidential Information of the Company and its Subsidiaries and the Company's and its Subsidiaries' use of any Intellectual Property or Confidential Information owned by a third party, and, to the Company's Knowledge, there is no valid basis for the same.

(e) The consummation of the transactions contemplated hereby and by the other Transaction Documents will not result in the alteration, loss, impairment of or restriction on the Company's or any of its Subsidiaries' ownership or right to use any of the Intellectual Property or Confidential Information which is necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted or as currently proposed to be conducted.

(f) The Company and its Subsidiaries have taken reasonable steps to protect the Company's and its Subsidiaries' rights in their Intellectual Property and Confidential Information. Each employee, consultant and contractor who has had access to Confidential Information which is necessary for the conduct of Company's and each of its Subsidiaries' respective businesses as currently conducted or as currently proposed to be conducted has executed an agreement to maintain the confidentiality of such Confidential Information and has executed appropriate agreements that are substantially consistent with the Company's standard forms thereof. Except under confidentiality obligations, there has been no material disclosure of any of the Company's or its Subsidiaries' Confidential Information to any third party.

4.16 Environmental Matters. Neither the Company nor any Subsidiary is in violation of any statute, rule, regulation, decision or order of any governmental agency or body or any court, domestic or foreign, relating to the use, disposal or release of hazardous or toxic substances or relating to the protection or restoration of the environment or human exposure to hazardous or toxic substances (collectively, "Environmental Laws"), owns or operates any real property contaminated with any substance that is subject to any Environmental Laws, is liable for any off-site disposal or contamination pursuant to any Environmental Laws, or is subject to any claim relating to any Environmental Laws, which violation, contamination, liability or claim has had or could reasonably be expected to have a Material Adverse Effect, individually or in the aggregate; and there is no pending or, to the Company's Knowledge, threatened investigation that might lead to such a claim.

4.17 Litigation. Except as described in the SEC Filings, there are no pending actions, suits or proceedings against or affecting the Company, its Subsidiaries or any of its or their properties; and to the Company's Knowledge, no such actions, suits or proceedings are threatened or contemplated. Neither the Company nor any Subsidiary, nor any director or officer thereof, is or since January 1, 2012 has been the subject of any action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the Company's Knowledge, there is not pending or contemplated, any investigation by the SEC involving the Company or any current or former director or officer of the Company. The SEC 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 1933 Act or the 1934 Act.

4.18 Financial Statements. The financial statements included in each SEC Filing comply in all material respects with applicable accounting requirements and the rules and regulations of the SEC with respect thereto as in effect at the time of filing (or to the extent corrected by a subsequent restatement) and present fairly, in all material respects, the consolidated financial position of the Company and its Subsidiaries as of the dates shown and their consolidated results of operations and cash flows for the periods shown, and such financial statements have been prepared in conformity with United States generally accepted accounting principles applied on a consistent basis ("GAAP") (except as may be disclosed therein or in the notes thereto, and, in the case of quarterly financial statements, as permitted by Form 10-Q under the 1934 Act). Except as set forth in the financial statements of the Company included in the SEC Filings filed prior to the date hereof, neither the Company nor any of its Subsidiaries has incurred any liabilities, contingent or otherwise, except those incurred in the ordinary course of business, consistent (as to amount and nature) with past practices since the date of such financial statements, none of which, individually or in the aggregate, have had or could reasonably be expected to have a Material Adverse Effect.

4.19 Insurance Coverage. The Company and each Subsidiary maintains in full force and effect insurance coverage that is customary for comparably situated companies for the business being conducted and properties owned or leased by the Company and each Subsidiary, and the Company reasonably believes such insurance coverage to be adequate against all liabilities, claims and risks against which it is customary for comparably situated companies to insure.

4.20 Compliance with Nasdaq Continued Listing Requirements. The Company is in compliance with applicable Nasdaq continued listing requirements. There are no proceedings pending or, to the Company's Knowledge, threatened against the Company relating to the continued listing of the Common Stock on Nasdaq and the Company has not received any notice of, nor to the Company's Knowledge is there any basis for, the delisting of the Common Stock from Nasdaq.

4.21 Brokers and Finders. No Person, other than the Agent, will have, as a result of the transactions contemplated by the Transaction Documents, any valid right, interest or claim against or upon the Company, any Subsidiary or an Investor for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of the Company, other than as disclosed to the Investors in writing on or prior to the date hereof.

4.22 No General Solicitation. Neither the Company nor any Person acting on its behalf has conducted any general solicitation or general advertising (as those terms are used in Regulation D) in connection with the offer or sale of any of the Securities.

4.23 No Integrated Offering. 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 Company security or solicited any offers to buy any security, under circumstances that would adversely affect reliance by the Company on Section 4(a)(2) for the exemption from registration for the transactions contemplated hereby or would require registration of the Securities under the 1933 Act.

4.24 Rule 506 Compliance. To the Company's knowledge, neither the Company nor any Insider, nor the Agent nor any Agent Related Person is subject to any of the "Bad Actor" disqualifications described in Rule 506(d)(1)(i) to (viii) under the 1933 Act (a "Disqualification Event"), except for a Disqualification Event covered by Rule 506(d)(2)(i) or (d)(3) of the 1933 Act. The Company is not disqualified from relying on Rule 506 of Regulation D under the 1933 Act ("Rule 506") for any of the reasons stated in Rule 506(d) in connection with the issuance and sale of the Securities to the Investors pursuant to this Agreement. The Company has exercised reasonable care, including without limitation, conducting a factual inquiry that is appropriate in light of the circumstances, into whether any such disqualification under Rule 506(d) exists. The Company has furnished to each Investor, a reasonable time prior to the date hereof, a description in writing of any matters relating to the Company, the Insiders, the Agent and the Agent Related Persons that would have triggered disqualification under Rule 506(d) but which occurred before September 23, 2013, in each case, in compliance with the disclosure requirements of Rule 506(e). The Company has exercised reasonable care, including without limitation, conducting a factual inquiry that is appropriate in light of the circumstances, into whether any such disqualification under Rule 506(d) would have existed and whether any disclosure is required to be made to Investor under Rule 506(e). Any outstanding securities of the Company (of any kind or nature) that were issued in reliance on Rule 506 at any time on or after September 23, 2013 have been issued in compliance with Rule 506(d) and (e).

4.25 Private Placement. The offer and sale of the Securities to the Investors as contemplated hereby is exempt from the registration requirements of the 1933 Act.

4.26 Shell Company Status. The Company is not, and has never been, an issuer identified in Rule 144(i)(1).

4.27 Questionable Payments. Neither the Company nor any of its Subsidiaries nor, to the Company's Knowledge, any of their respective current or former stockholders, directors, officers, employees, agents or other Persons acting on behalf of the Company or any Subsidiary, has on behalf of the Company or any Subsidiary or in connection with their respective businesses: (a) used any corporate funds for unlawful contributions, gifts, entertainment or other unlawful expenses relating to political activity; (b) made any direct or indirect unlawful payments to any governmental officials or employees from corporate funds; (c) established or maintained any unlawful or unrecorded fund of corporate monies or other assets; (d) made any false or fictitious

entries on the books and records of the Company or any Subsidiary; or (e) made any unlawful bribe, rebate, payoff, influence payment, kickback or other unlawful payment of any nature.

4.28 Transactions with Affiliates. Except as disclosed in the SEC Filings, none of the officers or directors of the Company and, to the Company's Knowledge, none of the employees of the Company is presently a party to any transaction with the Company or any Subsidiary (other than as holders of stock options and/or warrants, and for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, or otherwise requiring payments to or from any officer, director or such employee or, to the Company's Knowledge, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee or partner.

4.29 Internal Controls. The Company is in material compliance with the provisions of the Sarbanes-Oxley Act of 2002 currently applicable to the Company. 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 and liabilities is compared with the existing assets and liabilities at reasonable intervals and appropriate action is taken with respect to any differences. The Company has established disclosure controls and procedures (as defined in 1934 Act Rules 13a-15(e) and 15d-15(e)) for the Company and designed such disclosure controls and procedures to ensure that material information relating to the Company, including the Subsidiaries, is made known to the certifying officers by others within those entities, particularly during the period in which the Company's most recently filed periodic report under the 1934 Act, as the case may be, is being prepared. The Company has established internal control over financial reporting (as defined in 1934 Act Rules 13a-15(f) and 15d-15(f)) to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP. The Company's certifying officers have evaluated the effectiveness of the Company's disclosure controls and procedures and the Company's internal control over financial reporting (collectively, "internal controls") as of the end of the period covered by the most recently filed periodic report under the 1934 Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the 1934 Act the conclusions of the certifying officers about the effectiveness of such internal controls based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no significant changes in the Company's internal controls or, to the Company's Knowledge, in other factors that could significantly affect the Company's internal controls. The Company maintains and will continue to maintain a standard system of accounting established and administered in accordance with GAAP and the applicable requirements of the 1934 Act.

4.30 Disclosures. Neither the Company nor any Person acting on its behalf has provided the Investors or their agents or counsel with any information that constitutes or might constitute material, non-public information, other than the terms of the transactions contemplated

hereby. The written materials delivered to the Investors in connection with the transactions contemplated by the Transaction Documents do not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements contained therein, in light of the circumstances under which they were made, not misleading.

4.31 Investment Company. The Company is not required to be registered as, and is not an Affiliate of, and immediately following the Closing will not be required to register as, an “investment company” within the meaning of the Investment Company Act of 1940, as amended.

4.32. No Fiduciary. The Company acknowledges that none of the Investors is acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to this Agreement, the other Transaction Documents and the transactions contemplated hereby and thereby, and any advice or other guidance provided by any Investor or any of its representatives and agents with respect to this Agreement, the other Transaction Documents and the transactions contemplated hereby and thereby is merely incidental to such Investor’s entry into such transactions. The Company’s decision to enter into this Agreement and the other Transaction Documents has been based solely on the independent evaluation by the Company and its representatives and agents.

5 . Representations and Warranties of the Investors . Each of the Investors hereby severally, and not jointly, represents and warrants to the Company that:

5.1 Organization and Existence. If applicable, such Investor is a validly existing corporation, limited partnership or limited liability company and has all requisite corporate, partnership or limited liability company power and authority to invest in the Securities pursuant to this Agreement.

5 . 2 Authorization. The execution, delivery and performance by such Investor of the Transaction Documents to which such Investor is a party have been duly authorized and each will constitute the valid and legally binding obligation of such Investor, enforceable against such Investor in accordance with their respective terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability, relating to or affecting creditors’ rights generally and to general equity principles.

5.3 Purchase Entirely for Own Account. The Securities to be received by such Investor hereunder will be acquired for such Investor’s own account, not as nominee or agent, and not with a view to the resale or distribution of any part thereof in violation of the 1933 Act, and such Investor has no present intention of selling, granting any participation in, or otherwise distributing the same in violation of the 1933 Act without prejudice, however, to such Investor’s right at all times to sell or otherwise dispose of all or any part of such Securities in compliance with applicable federal and state securities laws. Nothing contained herein shall be deemed a representation or warranty by such Investor to hold the Securities for any period of time. Such Investor is not a broker-dealer registered with the SEC under the 1934 Act or an entity engaged in a business that would require it to be so registered.

5.4 Investment Experience. Such Investor acknowledges that it can bear the economic risk and complete loss of its investment in the Securities and has such knowledge and experience in financial or business matters that it is capable of evaluating the merits and risks of the investment contemplated hereby.

5.5 Disclosure of Information. Such Investor has had an opportunity to receive all information related to the Company requested by it and to ask questions of and receive answers from the Company regarding the Company, its business and the terms and conditions of the offering of the Securities. Such Investor acknowledges receipt of copies of the SEC Filings. Neither such inquiries nor any other due diligence investigation conducted by such Investor shall modify, limit or otherwise affect such Investor's right to rely on the Company's representations and warranties contained in this Agreement.

5.6 Restricted Securities. Such Investor understands that the Securities are characterized as "restricted securities" under the U.S. federal securities laws inasmuch as they are being acquired from the Company in a transaction not involving a public offering and that under such laws and applicable regulations such securities may be resold without registration under the 1933 Act only in certain limited circumstances.

5.7 Legends. It is understood that, except as provided below, certificates evidencing the Securities may bear the following or any similar legend:

(a) "The securities represented hereby have 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, and, accordingly, may not be transferred unless (i) such securities have been registered for sale pursuant to the Securities Act of 1933, as amended, (ii) such securities may be sold pursuant to Rule 144, or (iii) the Company has received an opinion of counsel reasonably satisfactory to it that such transfer may lawfully be made without registration under the Securities Act of 1933, as amended."

(b) If required by the authorities of any state in connection with the issuance of sale of the Securities, the legend required by such state authority.

5.8 Investor Status. At the time such Investor was offered the Securities, it was, and at the date hereof it is, (i) an "accredited investor" as defined in Rule 501(a) under the 1933 Act and (ii) an "institutional investor" as defined in Financial Industry Regulatory Authority Rule 5110(d)(4)(B). Such Investor is not a registered broker dealer registered under Section 15(a) of the Exchange Act, or a member of the Financial Industry Regulatory Authority, Inc. ("FINRA") or an entity engaged in the business of being a broker dealer. Except as otherwise disclosed in writing to the Company on or prior to the date of this Agreement, such Investor is not affiliated with any broker dealer registered under Section 15(a) of the 1934 Act, or a member of FINRA or an entity engaged in the business of being a broker dealer. After giving effect to the purchase of the Securities hereunder, such Investor, together with its Affiliates, will not beneficially own more than 19.9% of the Company's outstanding Common Stock or voting power. Such Investor maintains his or her

principal residence (in the case of an individual) or its principal executive office (in the case of an entity) at the location specified on its signature page hereto.

5.9 No General Solicitation. Such Investor did not learn of the investment in the Securities as a result of any general solicitation or general advertising.

5.10 Brokers and Finders. No Person will have, as a result of the transactions contemplated by the Transaction Documents, any valid right, interest or claim against or upon the Company, any Subsidiary or an Investor for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of such Investor.

5.11 Prohibited Transactions. Since the earlier of (a) such time as such Investor was first contacted by the Company or any other Person acting on behalf of the Company regarding the transactions contemplated hereby or (b) thirty (30) days prior to the date hereof, neither such Investor nor any Affiliate of such Investor which (x) had knowledge of the transactions contemplated hereby, (y) has or shares discretion relating to such Investor's investments or trading or information concerning such Investor's investments, including in respect of the Securities, or (z) is subject to such Investor's review or input concerning such Affiliate's investments or trading (collectively, "Trading Affiliates") has, directly or indirectly, effected or agreed to effect any short sale, whether or not against the box, established any "put equivalent position" (as defined in Rule 16a-1(h) under the 1934 Act) with respect to the Common Stock, granted any other right (including, without limitation, any put or call option) with respect to the Common Stock or with respect to any security that includes, relates to or derived any significant part of its value from the Common Stock or otherwise sought to hedge its position in the Securities (each, a "Prohibited Transaction"). Prior to the earliest to occur of (i) the termination of this Agreement, (ii) the Effective Date or (iii) the Effectiveness Deadline, such Investor shall not, and shall cause its Trading Affiliates not to, engage, directly or indirectly, in a Prohibited Transaction. Such Investor acknowledges that the representations, warranties and covenants contained in this Section 5.11 are being made for the benefit of the Investors as well as the Company and that each of the other Investors shall have an independent right to assert any claims against such Investor arising out of any breach or violation of the provisions of this Section 5.11.

5.12 The Agent. Such Investor understands that the Agent has acted solely as the agent of the Company in the placement of the Securities, and that the Agent makes no representation or warranty with regard to the merits of this transaction or as to the accuracy of any information such Investor may have received in connection therewith. Such Investor acknowledges that it has not relied on any information or advice furnished by or on behalf of the Agent.

6. Conditions to Closing.

6.1 Conditions to the Investors' Obligations. The obligation of each Investor to purchase the Shares, the Preferred Shares (if applicable) and the Warrants at the Closing is subject to the satisfaction, on or prior to the Closing Date, of the following conditions, any of which may be waived by such Investor (as to itself only):

(a) The representations and warranties made by the Company in Section 4 hereof qualified as to materiality shall be true and correct at all times prior to and on the Closing Date, except to the extent any such representation or warranty expressly speaks as of an earlier date, in which case such representation or warranty shall be true and correct as of such earlier date, and, the representations and warranties made by the Company in Section 4 hereof not qualified as to materiality shall be true and correct in all material respects at all times prior to and on the Closing Date, except to the extent any such representation or warranty expressly speaks as of an earlier date, in which case such representation or warranty shall be true and correct in all material respects as of such earlier date. The Company shall have performed in all material respects all obligations and covenants herein required to be performed by it on or prior to the Closing Date.

(b) The Company shall have obtained any and all consents, permits, approvals, registrations and waivers necessary or appropriate for consummation of the purchase and sale of the Securities and the consummation of the other transactions contemplated by the Transaction Documents, all of which shall be in full force and effect.

(c) The Certificate of Designation shall have been filed with the Secretary of State of Delaware and shall have become effective, and the Company shall have provided a filed copy thereof to any Investor purchasing Preferred Shares;

(d) The Company shall have executed and delivered the Registration Rights Agreement.

(e) The Company shall have filed with Nasdaq a Notification Form: Listing of Additional Shares for the listing of the Shares and the Warrant Shares on Nasdaq, a copy of which shall have been provided to the Investors, and Nasdaq shall not have raised any unresolved objection thereto.

(f) The Company shall have received at least the Minimum Investment Amount.

(g) No judgment, writ, order, injunction, award or decree of or by any court, or judge, justice or magistrate, including any bankruptcy court or judge, or any order of or by any governmental authority, shall have been issued, and no action or proceeding shall have been instituted by any governmental authority, enjoining or preventing the consummation of the transactions contemplated hereby or in the other Transaction Documents.

(h) The Company shall have delivered a Certificate, executed on behalf of the Company by its Chief Executive Officer or its Chief Financial Officer, dated as of the Closing Date, certifying to the fulfillment of the conditions specified in subsections (a), (b), (f), (g) and (k) of this Section 6.1.

(i) The Company shall have delivered a Certificate, executed on behalf of the Company by its Secretary, dated as of the Closing Date, certifying the resolutions adopted by the Board of Directors of the Company, or a duly appointed committee thereof, approving the

transactions contemplated by this Agreement and the other Transaction Documents and the issuance of the Securities, certifying the current versions of the Certificate of Incorporation and Bylaws of the Company and certifying as to the signatures and authority of persons signing the Transaction Documents and related documents on behalf of the Company.

(j) The Agent and the SSF Investors shall have received an opinion from DLA Piper LLP (US), the Company's counsel, dated as of the Closing Date, in form and substance reasonably acceptable to the Agent and the SSF Investors and addressing such legal matters as the Agent and the SSF Investors may reasonably request.

(k) No stop order or suspension of trading shall have been imposed by Nasdaq, the SEC or any other governmental or regulatory body with respect to public trading in the Common Stock.

6.2 Conditions to Obligations of the Company. The Company's obligation to sell and issue the Shares, the Preferred Shares (if applicable) and the Warrants at the Closing is subject to the satisfaction on or prior to the Closing Date of the following conditions, any of which may be waived by the Company:

(a) The representations and warranties made by the Investors in Section 5 hereof, other than the representations and warranties contained in Sections 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 and 5.9 (the "Investment Representations"), shall be true and correct in all material respects when made, and shall be true and correct in all material respects on the Closing Date with the same force and effect as if they had been made on and as of said date. The Investment Representations shall be true and correct in all respects when made, and shall be true and correct in all respects on the Closing Date with the same force and effect as if they had been made on and as of said date. The Investors shall have performed in all material respects all obligations and covenants herein required to be performed by them on or prior to the Closing Date.

(b) The Investors shall have executed and delivered the Registration Rights Agreement.

(c) The Investors shall have delivered the Purchase Price to the Company.

6.3 Termination of Obligations to Effect Closing; Effects.

(a) The obligations of the Company, on the one hand, and the Investors, on the other hand, to effect the Closing shall terminate as follows:

(i) Upon the mutual written consent of the Company and the Required Investors;

(ii) By the Company if any of the conditions set forth in Section 6.2 shall have become incapable of fulfillment, and shall not have been waived by the Company;

(iii) By an Investor (with respect to itself only) if any of the conditions set forth in Section 6.1 shall have become incapable of fulfillment, and shall not have been waived by the Investor; or

(iv) By either the Company or any Investor (with respect to itself only) if the Closing has not occurred on or prior to 5:00 P.M., New York time, on the fifth (5th) Business Day after the date of this Agreement;

provided, however, that, except in the case of clause (i) above, the party seeking to terminate its obligation to effect the Closing shall not then be in breach of any of its representations, warranties, covenants or agreements contained in this Agreement or the other Transaction Documents if such breach has resulted in the circumstances giving rise to such party's seeking to terminate its obligation to effect the Closing.

(b) In the event of termination by the Company or any Investor of its obligations to effect the Closing pursuant to this Section 6.3, written notice thereof shall forthwith be given to the other Investors by the Company and the other Investors shall have the right to terminate their obligations to effect the Closing upon written notice to the Company and the other Investors. Nothing in this Section 6.3 shall be deemed to release any party from any liability for any breach by such party of the terms and provisions of this Agreement or the other Transaction Documents or to impair the right of any party to compel specific performance by any other party of its obligations under this Agreement or the other Transaction Documents.

7. Covenants and Agreements of the Company.

7.1 Reservation of Common Stock. The Company shall at all times reserve and keep available out of its authorized but unissued shares of Common Stock, solely for the purpose of providing for the conversion of the Preferred Shares and the exercise of the Warrants, such number of shares of Common Stock as shall from time to time equal the number of shares sufficient to permit the conversion of the Preferred Shares and the exercise of the Warrants issued pursuant to this Agreement in accordance with their respective terms.

7.2 Reports. The Company will furnish to the Investors and/or their assignees such information relating to the Company and its Subsidiaries as from time to time may reasonably be requested by the Investors and/or their assignees; provided, however, that the Company shall not disclose material nonpublic information to the Investors, or to advisors to or representatives of the Investors, unless prior to disclosure of such information the Company identifies such information as being material nonpublic information and provides the Investors, such advisors and representatives with the opportunity to accept or refuse to accept such material nonpublic information for review and any Investor wishing to obtain such information enters into an appropriate confidentiality agreement with the Company with respect thereto.

7.3 No Conflicting Agreements. The Company will not take any action, enter into any agreement or make any commitment that would conflict or interfere in any material respect with the Company's obligations to the Investors under the Transaction Documents.

7.4 [RESERVED]

7.5 Compliance with Laws. The Company will comply in all material respects with all applicable laws, rules, regulations, orders and decrees of all governmental authorities.

7.6 Listing of Underlying Shares and Related Matters. Promptly following the date hereof, the Company shall take all necessary action to cause the Shares, the Conversion Shares and the Warrant Shares to be listed on Nasdaq no later than the Closing Date. Further, if the Company applies to have its Common Stock or other securities traded on any other principal stock exchange or market, it shall include in such application the Shares, the Conversion Shares and the Warrant Shares and will take such other action as is necessary to cause such Common Stock to be so listed. The Company will use commercially reasonable efforts to continue the listing and trading of its Common Stock on Nasdaq and, in accordance, therewith, will use commercially reasonable efforts to comply in all respects with the Company's reporting, filing and other obligations under the bylaws or rules of such market or exchange, as applicable.

7.7 Termination of Covenants. The provisions of Sections 7.2 through 7.5 shall terminate and be of no further force and effect on the date on which the Company's obligations under the Registration Rights Agreement to register or maintain the effectiveness of any registration covering the Registrable Securities (as such term is defined in the Registration Rights Agreement) shall terminate.

7.8 Removal of Legends. In connection with any sale or disposition of the Securities by an Investor pursuant to Rule 144 or pursuant to any other exemption under the 1933 Act such that the purchaser acquires freely tradable shares and upon compliance by the Investor with the requirements of this Agreement, the Company shall or, in the case of Common Stock, shall cause the transfer agent for the Common Stock (the "Transfer Agent") to issue replacement certificates representing the Securities sold or disposed of without restrictive legends. Upon the earlier of (i) registration for resale pursuant to the Registration Rights Agreement or (ii) the Shares becoming freely tradable by a non-affiliate pursuant to Rule 144 the Company shall (A) deliver to the Transfer Agent irrevocable instructions that the Transfer Agent shall reissue a certificate representing shares of Common Stock without legends upon receipt by such Transfer Agent of the legended certificates for such shares, together with either (1) a customary representation by the Investor that Rule 144 applies to the shares of Common Stock represented thereby or (2) a statement by the Investor that such Investor will sell (or, in the case of any Affiliate of the Company has sold) the shares of Common Stock represented thereby in accordance with the Plan of Distribution contained in the Registration Statement, and (B) cause its counsel to deliver to the Transfer Agent one or more blanket opinions to the effect that the removal of such legends in such circumstances may be effected under the 1933 Act. From and after the earlier of such dates, upon an Investor's written request, the Company shall promptly cause certificates evidencing the Investor's Securities to be replaced with certificates which do not bear such restrictive legends, and Conversion Shares subsequently issued upon due conversion of the Preferred Shares and Warrant Shares subsequently issued upon due exercise of the Warrants shall not bear such restrictive legends provided the provisions of either clause (i) or clause (ii) above, as applicable, are satisfied with respect thereto.

Upon written notice to the Investor, the Company can elect to issue book-entry notations in lieu of certificates for shares of Common Stock. When the Company is required to cause an unlegended certificate to replace a previously issued legended certificate, if: (1) the unlegended certificate is not delivered to an Investor within three (3) Business Days of submission by that Investor of a legended certificate and supporting documentation to the Transfer Agent as provided above and (2) prior to the time such unlegended certificate is received by the Investor, the Investor, or any third party on behalf of such Investor or for the Investor's account, purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Investor of shares represented by such certificate (a "Buy-In"), then the Company shall pay in cash to the Investor (for costs incurred either directly by such Investor or on behalf of a third party) the amount by which the total purchase price paid for Common Stock as a result of the Buy-In (including brokerage commissions, if any) exceeds the proceeds received by such Investor as a result of the sale to which such Buy-In relates. The Investor shall provide the Company written notice indicating the amounts payable to the Investor in respect of the Buy-In.

7.9 Subsequent Equity Sales; Registration Statements.

(a) From the date hereof until ninety (90) days after the Closing Date, without the consent of the Required Investors, neither the Company nor any Subsidiary shall issue shares of Common Stock or Common Stock Equivalents. Notwithstanding the foregoing, the provisions of this Section 7.9(a) shall not apply to (i) the issuance of the Securities, (ii) the issuance of Common Stock or Common Stock Equivalents upon the conversion or exercise of any securities of the Company or a Subsidiary outstanding on the date hereof, provided that the terms of such security are not amended after the date hereof to decrease the exercise price or increase the Common Stock or Common Stock Equivalents receivable upon the exercise, conversion or exchange thereof, (iii) the issuance of any Common Stock or Common Stock Equivalents pursuant to any Company equity incentive plan approved by the Company's stockholders and in place as of the date hereof, or (iv) the Permitted Issuance.

(b) From the date hereof until the earlier of (i) three years from the Closing Date or (ii) such time as no Investor holds any of the Securities, without the prior written consent of the Required Investors, the Company shall not effect or enter into an agreement to effect any "Variable Rate Transaction". The term "Variable Rate Transaction" shall mean a transaction in which the Company issues or sells (i) any debt or equity securities that are convertible into, exchangeable or exercisable for, or include the right to receive additional shares of Common Stock either (A) at a conversion, exercise or exchange rate or other price that is based upon and/or varies with the trading prices of or quotations for the shares of Common Stock at any time after the initial issuance of such debt or equity securities, or (B) with a conversion, exercise or exchange price that is subject to being reset at some future date after the initial issuance of such debt or equity security or upon the occurrence of specified or contingent events directly or indirectly related to the business of the Company or the market for the Common Stock or (ii) enters into any agreement, including, but not limited to, an "at-the-market" offering or an equity line of credit, whereby the Company may sell securities at a future determined price. For the avoidance of doubt, the issuance of a security which is subject to customary anti-dilution protections, including where the conversion, exercise or exchange price is subject to adjustment as a result of stock splits, reverse stock splits and other

similar recapitalization or reclassification events, shall not be deemed to be a “Variable Rate Transaction.”

(c) The Company shall not, and shall use its commercially reasonable efforts to ensure that no Affiliate of the Company shall, sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the 1933 Act) that will be integrated with the offer or sale of the Securities in a manner that would require the registration under the 1933 Act of the sale of the Securities to the Investors, or that will 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 stockholder approval prior to the closing of such other transaction unless stockholder approval is obtained before the closing of such subsequent transaction.

(d) The Company shall not, from the date hereof until ninety (90) days after the Effective Date, prepare and file with the SEC a registration statement relating to an offering for its own account or the account of others under the 1933 Act of any of its equity securities, other than (i) a Registration Statement pursuant to the Registration Rights Agreement or (ii) any registration statement or post-effective amendment to a registration statement (or supplement thereto) relating to the Company’s employee benefit plans registered on Form S-8 or, in connection with an acquisition, on Form S-4.

7.10 Equal Treatment of Investors. No consideration shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of any of the Transaction Documents unless the same consideration is also offered to all of the parties to the Transaction Documents. For clarification purposes, this provision constitutes a separate right granted to each Investor by the Company and negotiated separately by each Investor, and is intended for the Company to treat the Investors as a class and shall not in any way be construed as the Investors acting in concert or as a group with respect to the purchase, disposition or voting of Securities or otherwise.

8. Survival and Indemnification.

8.1 Survival. The representations, warranties, covenants and agreements contained in this Agreement shall survive the Closing of the transactions contemplated by this Agreement.

8.2 Indemnification. The Company agrees to indemnify and hold harmless each Investor and its Affiliates and their respective directors, officers, trustees, partners, members, managers, employees and agents, and their respective successors and assigns, from and against any and all losses, claims, damages, liabilities and expenses (including without limitation reasonable attorney fees and disbursements and other expenses incurred in connection with investigating, preparing or defending any action, claim or proceeding, pending or threatened and the costs of enforcement thereof) (collectively, “Losses”) to which such Person may become subject as a result of any breach of representation, warranty, covenant or agreement made by or to be performed on the part of the Company under the Transaction Documents, and will reimburse any such Person for all such amounts as they are incurred by such Person.

8.3 Conduct of Indemnification Proceedings. Any person entitled to indemnification hereunder shall (i) give prompt notice to the indemnifying party of any claim with respect to which it seeks indemnification and (ii) permit such indemnifying party to assume the defense of such claim with counsel reasonably satisfactory to the indemnified party; provided that any person entitled to indemnification hereunder shall have the right to employ separate counsel and to participate in the defense of such claim, but the fees and expenses of such counsel shall be at the expense of such person unless (a) the indemnifying party has agreed to pay such fees or expenses, or (b) the indemnifying party shall have failed to assume the defense of such claim and employ counsel reasonably satisfactory to such person or (c) in the reasonable judgment of any such person, based upon written advice of its counsel, a conflict of interest exists between such person and the indemnifying party with respect to such claims (in which case, if the person notifies the indemnifying party in writing that such person elects to employ separate counsel at the expense of the indemnifying party, the indemnifying party shall not have the right to assume the defense of such claim on behalf of such person); and provided, further, that the failure of any indemnified party to give notice as provided herein shall not relieve the indemnifying party of its obligations hereunder, except to the extent that such failure to give notice shall materially adversely affect the indemnifying party in the defense of any such claim or litigation. It is understood that the indemnifying party shall not, in connection with any proceeding in the same jurisdiction, be liable for fees or expenses of more than one separate firm of attorneys at any time for all such indemnified parties. No indemnifying party will, except with the consent of the indemnified party, consent to entry of any judgment or enter into any settlement that does not include as an unconditional term thereof the giving by the claimant or plaintiff to such indemnified party of a release from all liability in respect of such claim or litigation.

9. Miscellaneous.

9.1 Successors and Assigns. This Agreement may not be assigned by a party hereto without the prior written consent of the Company or the Investors, as applicable, provided, however, that an Investor may assign its rights and delegate its duties hereunder in whole or in part to an Affiliate or to a third party acquiring some or all of its Securities in a transaction complying with applicable securities laws without the prior written consent of the Company or the other Investors. The provisions of this Agreement shall inure to the benefit of and be binding upon the respective permitted successors and assigns of the parties. Without limiting the generality of the foregoing, in the event that the Company is a party to a merger, consolidation, share exchange or similar business combination transaction in which the Common Stock is converted into the equity securities of another Person, from and after the effective time of such transaction, such Person shall, by virtue of such transaction, be deemed to have assumed the obligations of the Company hereunder, the term "Company" shall be deemed to refer to such Person and the term "Shares" shall be deemed to refer to the securities received by the Investors in connection with such transaction. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

9.2 Counterparts; Faxes. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute

one and the same instrument. This Agreement may be delivered by facsimile or other form of electronic transmission, which shall be deemed an original.

9.3 Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

9.4 Notices. Unless otherwise provided, any notice required or permitted under this Agreement shall be given in writing and shall be deemed effectively given as hereinafter described (i) if given by personal delivery, then such notice shall be deemed given upon such delivery, (ii) if given by telex or telecopier, then such notice shall be deemed given upon receipt of confirmation of complete transmittal, (iii) if given by mail, then such notice shall be deemed given upon the earlier of (A) receipt of such notice by the recipient or (B) three days after such notice is deposited in first class mail, postage prepaid, and (iv) if given by an internationally recognized overnight air courier, then such notice shall be deemed given one Business Day after delivery to such carrier. All notices shall be addressed to the party to be notified at the address as follows, or at such other address as such party may designate by ten days' advance written notice to the other party:

If to the Company:

Ideal Power Inc.
4120 Freidrich Lane, Suite 100
Austin, Texas 78744
Attention: Timothy Burns, Chief Financial Officer
Fax: (512) 264-1546

With a copy to:

DLA Piper LLP (US)
401 Congress Avenue, Suite 2500
Austin, Texas 78701-3799
Attention: Paul E. Hurdlow
Fax: (512) 457-7001

If to the Investors:

to the addresses set forth on the signature pages hereto.

9.5 Expenses. The parties hereto shall pay their own costs and expenses in connection herewith, except that the Company shall pay the reasonable and documented fees and expenses of Lowenstein Sandler LLP not to exceed \$40,000, regardless of whether the transactions contemplated hereby are consummated; it being understood that Lowenstein Sandler LLP has only rendered legal advice to the SSF Investors participating in this transaction and not to the Company or any other Investor in connection with the transactions contemplated hereby, and that each of the Company and each Investor has relied for such matters on the advice of its own respective counsel. Such expenses shall be paid at the Closing or, if the Closing does not occur, within five (5) Business

Days of the termination of this Agreement. The Company shall reimburse the Investors upon demand for all reasonable out-of-pocket expenses incurred by the Investors, including without limitation reimbursement of attorneys' fees and disbursements, in connection with any amendment, modification or waiver of this Agreement or the other Transaction Documents requested by the Company. In the event that legal proceedings are commenced by any party to this Agreement against another party to this Agreement in connection with this Agreement or the other Transaction Documents, the party or parties which do not prevail in such proceedings shall severally, but not jointly, pay their pro rata share of the reasonable attorneys' fees and other reasonable out-of-pocket costs and expenses incurred by the prevailing party in such proceedings.

9.6 Amendments and Waivers. Any term of this Agreement may be amended and the observance of any term of this Agreement may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and the Required Investors. Any amendment or waiver effected in accordance with this paragraph shall be binding upon each holder of any Securities purchased under this Agreement at the time outstanding, each future holder of all such Securities, and the Company.

9.7 Publicity. Except as set forth below, no public release or announcement concerning the transactions contemplated hereby shall be issued by the Company or the Investors without the prior consent of the Company (in the case of a release or announcement by the Investors) or the Investors (in the case of a release or announcement by the Company) (which consents shall not be unreasonably withheld), except as such release or announcement may be required by law or the applicable rules or regulations of any securities exchange or securities market, in which case the Company or the Investors, as the case may be, shall allow the Investors or the Company, as applicable, to the extent reasonably practicable in the circumstances, reasonable time to comment on such release or announcement in advance of such issuance. By 4:30 p.m. (New York City time) on the trading day immediately following the execution and delivery of this Agreement, the Company shall (i) issue a press release disclosing the execution of this Agreement and describing the transactions contemplated hereby and by the other Transaction Documents and (ii) file a Current Report on Form 8-K attaching the press release described in the foregoing sentence as well as copies of the Transaction Documents. In addition, the Company will make such other filings and notices in the manner and time required by the SEC or Nasdaq.

9.8 Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof but shall be interpreted as if it were written so as to be enforceable to the maximum extent permitted by applicable law, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. To the extent permitted by applicable law, the parties hereby waive any provision of law which renders any provision hereof prohibited or unenforceable in any respect.

9.9 Entire Agreement. This Agreement, including the Exhibits, and the other Transaction Documents constitute the entire agreement among the parties hereof with respect to

the subject matter hereof and thereof and supersede all prior agreements and understandings, both oral and written, between the parties with respect to the subject matter hereof and thereof.

9.10 Further Assurances. The parties shall execute and deliver all such further instruments and documents and take all such other actions as may reasonably be required to carry out the transactions contemplated hereby and to evidence the fulfillment of the agreements herein contained.

9.11 Construction. The parties agree that they 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.

9.12 Governing Law; Consent to Jurisdiction; Waiver of Jury Trial. This Agreement shall be governed by, and construed in accordance with, the internal laws of the State of New York without regard to the choice of law principles thereof. Each of the parties hereto irrevocably submits to the exclusive jurisdiction of the courts of the State of New York located in New York County and the United States District Court for the Southern District of New York for the purpose of any suit, action, proceeding or judgment relating to or arising out of this Agreement and the transactions contemplated hereby. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Agreement. Each of the parties hereto irrevocably consents to the jurisdiction of any such court in any such suit, action or proceeding and to the laying of venue in such court. Each party hereto irrevocably waives any objection to the laying of venue of any such suit, action or proceeding brought in such courts and irrevocably waives any claim that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum. **EACH OF THE PARTIES HERETO WAIVES ANY RIGHT TO REQUEST A TRIAL BY JURY IN ANY LITIGATION WITH RESPECT TO THIS AGREEMENT AND THE OTHER TRANSACTION DOCUMENTS OR ARISING OUT OF THE TRANSACTIONS CONTEMPLATED HEREBY AND THEREBY AND REPRESENTS THAT COUNSEL HAS BEEN CONSULTED SPECIFICALLY AS TO THIS WAIVER.**

9.13 Independent Nature of Investors' Obligations and Rights. The obligations of each Investor under any Transaction Document are several and not joint with the obligations of any other Investor, and no Investor shall be responsible in any way for the performance of the obligations of any other Investor under any Transaction Document. The decision of each Investor to purchase Securities pursuant to the Transaction Documents has been made by such Investor independently of any other Investor. Nothing contained herein or in any Transaction Document, and no action taken by any Investor pursuant thereto, shall be deemed to constitute the Investors as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Investors 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 Investor acknowledges that no other Investor has acted as agent for such Investor in connection with making its investment hereunder and that no Investor will be acting as agent of such Investor in connection with monitoring its investment in the Securities or enforcing its rights under the Transaction Documents. Each

Investor 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 Investor to be joined as an additional party in any proceeding for such purpose. The Company acknowledges that each of the Investors has been provided with the same Transaction Documents for the purpose of closing a transaction with multiple Investors and not because it was required or requested to do so by any Investor.

[signature page follows]

IN WITNESS WHEREOF, the parties have executed this Agreement or caused their duly authorized officers to execute this Agreement as of the date first above written.

The Company:

IDEAL POWER INC.

By: /s/ Timothy Burns

Name: Timothy Burns

Title: Chief Financial Officer

[Investor Signature Page Follows]

INVESTOR SIGNATURE PAGE FOR PURCHASE AGREEMENT

WITH IDEAL POWER INC.

(NOT APPLICABLE TO THE SSF INVESTORS)

[Investor's signature to be provided by way of its execution of the Omnibus Signature Page to the Agent's "Omnibus Signature Page and Investor Questionnaire" with respect to this Offering.]

INVESTOR ADDENDUM RE ESCROW
(this information is required for all Investors other than the SSF Investors)

(Print Name of Investor) _____

By signing the Purchase Agreement, the above named Investor hereby certifies and confirms that: In the event that the Escrow Agent makes a disbursement to the Investor, which may or may not occur, the Investor hereby confirms that such disbursement is to be made by wire transfer using the following wire transfer instructions. The Escrow Agent, the Company and the Placement Agent can rely on this confirmation and the Investor will not revoke this confirmation unless the Investor confirms to the Company on this form, replacement wire transfer instructions at least two (2) Business Days before revoking this confirmation. The Company may instruct the Escrow Agent to, or the Escrow Agent may on its own, withhold any such disbursement until the Company is reasonably satisfied and the Escrow Agent is satisfied in its sole discretion with the instructions and procedures for making such disbursement.

Bank Name: _____

Bank Address: _____

ABA Number: _____

Account Number: _____

Account Name: _____

Reference: _____

[Counterpart signature pages for SSF Investors omitted]

SCHEDULE OF INVESTORS

[omitted]

EXHIBIT A
FORM OF WARRANT

EXHIBIT B

CERTIFICATE OF DESIGNATION

EXHIBIT C

FORM OF REGISTRATION RIGHTS AGREEMENT

EXHIBIT D
FORM OF ESCROW AGREEMENT

REGISTRATION RIGHTS AGREEMENT

This Registration Rights Agreement (the “Agreement”) is made and entered into as of this 24th day of February, 2017 by and among Ideal Power Inc., a Delaware corporation (the “Company”), and the “Investors” named in that certain Purchase Agreement (the “Purchase Agreement”) by and among the Company and the Investors (as defined below). Capitalized terms used herein have the respective meanings ascribed thereto in the Purchase Agreement unless otherwise defined herein.

The parties hereby agree as follows:

1. Certain Definitions.

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

“Common Stock” means the Company’s common stock, par value \$0.001 per share, and any securities into which such shares may hereinafter be reclassified.

“Investors” means the Investors identified in the Purchase Agreement and any Affiliate or permitted transferee of any Investor who is a subsequent holder of any Warrants or Registrable Securities.

“Prospectus” means (i) any prospectus (preliminary or final) included in any Registration Statement, as amended or supplemented by any prospectus supplement, with respect to the terms of the offering of any portion of the Registrable Securities covered by such Registration Statement and by all other amendments and supplements to the prospectus, including post-effective amendments and all material incorporated by reference in such prospectus, and (ii) any “free writing prospectus” as defined in Rule 405 under the 1933 Act.

“Register,” “registered” and “registration” refer to a registration made by preparing and filing a Registration Statement or similar document in compliance with the 1933 Act (as defined below), and the declaration or ordering of effectiveness of such Registration Statement or document.

“Registrable Securities” means (i) the Shares, (ii) the Conversion Shares, (iii) the Warrant Shares, and (iv) any other securities issued or issuable with respect to or in exchange for the Shares, the Conversion Shares or the Warrant Shares, whether by merger, charter amendment, or otherwise; provided, that, a security shall cease to be a Registrable Security (and the Company shall not be required to maintain the effectiveness of any, or file another, Registration Statement hereunder with respect thereto) for so long as (a) a Registration Statement with respect to the sale of such Registrable Securities is declared effective by the SEC under the 1933 Act and such Registrable Securities have been disposed of by the holder thereof in accordance with such effective Registration Statement, (b) such Registrable Securities have been previously sold in accordance with Rule 144, or (c) such securities become eligible for resale without volume or manner-of-sale restrictions and without current public information pursuant to Rule 144 as set forth in a written opinion letter to such effect, addressed, delivered and acceptable to the Transfer Agent and the affected holders (assuming that such securities and any securities issuable upon exercise, conversion or exchange of which, or as

a dividend upon which, such securities were issued or are issuable, were at no time held by any Affiliate of the Company, and all Warrants are exercised by “cashless exercise” as provided in the Warrants), as reasonably determined by the Company, upon the advice of counsel to the Company and the Transfer Agent has issued certificates for such Registrable Securities to the holder thereof, or as such holder may direct, without any restrictive legend.

“Registration Statement” means any registration statement of the Company filed under the 1933 Act that covers the resale of any of the Registrable Securities pursuant to the provisions of this Agreement, amendments and supplements to such Registration Statement, including post-effective amendments, all exhibits and all material incorporated by reference in such Registration Statement.

“Required Investors” means the Investors beneficially owning a majority of the Registrable Securities (without regard to any exercise limitations specified in the Preferred Shares or the Warrants).

“SEC” means the U.S. Securities and Exchange Commission.

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

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

2. Registration.

(a) Registration Statements.

(i) Initial Registration Statement. Promptly following the closing of the purchase and sale of the securities contemplated by the Purchase Agreement (the “Closing Date”) but no later than thirty (30) days after the Closing Date (the “Filing Deadline”), the Company shall prepare and file with the SEC one Registration Statement on Form S-3 (or, if Form S-3 is not then available to the Company, on such form of registration statement as is then available to effect a registration for resale of the Registrable Securities), covering the resale of the Registrable Securities. Subject to any SEC comments, such Registration Statement shall include the plan of distribution attached hereto as Exhibit A; provided, however, that no Investor shall be named as an “underwriter” in the Registration Statement without the Investor’s prior written consent. Such Registration Statement also shall cover, to the extent allowable under the 1933 Act and the rules promulgated thereunder (including Rule 416), such indeterminate number of additional shares of Common Stock resulting from stock splits, stock dividends or similar transactions with respect to the Registrable Securities. Such Registration Statement shall not include any shares of Common Stock or other securities for the account of any other holder without the prior written consent of the Required Investors. The Registration Statement (and each amendment or supplement thereto, and each request for acceleration of effectiveness thereof) shall be provided in accordance with Section 3(c) to the Investors and their counsel prior to its filing or other submission. If a Registration Statement covering the Registrable Securities is not filed with the SEC on or prior to the Filing Deadline, the

Company will make pro rata payments to each Investor, as liquidated damages and not as a penalty, in an amount equal to 1.5% of the aggregate amount invested by such Investor pursuant to the Purchase Agreement for each 30-day period or pro rata for any portion thereof following the Filing Deadline for which no Registration Statement is filed with respect to the Registrable Securities. Such payments shall constitute the Investors' exclusive monetary remedy for such events, but shall not affect the right of the Investors to seek injunctive relief. Such payments shall be made to each Investor in cash no later than three (3) Business Days after the end of each 30-day period.

(b) Expenses. The Company will pay all expenses associated with effecting the registration of the Registrable Securities, including filing and printing fees, the Company's counsel and accounting fees and expenses, costs associated with clearing the Registrable Securities for sale under applicable state securities laws, listing fees, fees and expenses of one counsel to the Investors up to an aggregate of \$10,000 and the Investors' other reasonable expenses in connection with the registration, but excluding discounts, commissions, fees of underwriters, selling brokers, dealer managers or similar securities industry professionals with respect to the Registrable Securities being sold.

(c) Effectiveness.

(i) The Company shall use commercially reasonable efforts to have any Registration Statement declared effective as soon as practicable. The Company shall notify the Investors by facsimile or e-mail as promptly as practicable, and in any event, within twenty-four (24) hours, after any Registration Statement is declared effective and shall simultaneously provide the Investors with copies of any related Prospectus to be used in connection with the sale or other disposition of the securities covered thereby. If (x) a Registration Statement covering the Registrable Securities is not declared effective by the SEC prior to the earlier of (i) five (5) Business Days after the SEC shall have informed the Company that no review of the Registration Statement will be made or that the SEC has no further comments on the Registration Statement or (ii) the 90th day after the Closing Date, or (y) after a Registration Statement has been declared effective by the SEC, sales cannot be made pursuant to such Registration Statement for any reason (including without limitation by reason of a stop order, or the Company's failure to update the Registration Statement), but excluding any Allowed Delay (as defined below) or the inability of any Investor to sell the Registrable Securities covered thereby due to market conditions, then the Company will make pro rata payments to each Investor, as liquidated damages and not as a penalty, in an amount equal to 1.5% of the aggregate amount invested by such Investor pursuant to the Purchase Agreement for each 30-day period or pro rata for any portion thereof following the date by which such Registration Statement should have been effective (the "Blackout Period"). Such payments shall constitute the Investors' exclusive monetary remedy for such events, but shall not affect the right of the Investors to seek injunctive relief. The amounts payable as liquidated damages pursuant to this paragraph shall be paid monthly within three (3) Business Days of the last day of each month following the commencement of the Blackout Period until the termination of the Blackout Period. Such payments shall be made to each Investor in cash.

(ii) For not more than twenty (20) consecutive days or for a total of not more than forty-five (45) days in any twelve (12) month period, the Company may suspend the use

of any Prospectus included in any Registration Statement contemplated by this Section in the event that the Company determines in good faith that such suspension is necessary to (A) delay the disclosure of material non-public information concerning the Company, the disclosure of which at the time is not, in the good faith opinion of the Company, in the best interests of the Company or (B) amend or supplement the affected Registration Statement or the related Prospectus so that such Registration Statement or Prospectus shall not include an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the case of the Prospectus in light of the circumstances under which they were made, not misleading (an "Allowed Delay"); provided, that the Company shall promptly (a) notify each Investor in writing of the commencement of an Allowed Delay, but shall not (without the prior written consent of an Investor) disclose to such Investor any material non-public information giving rise to an Allowed Delay, (b) advise the Investors in writing to cease all sales under the Registration Statement until the end of the Allowed Delay and (c) use commercially reasonable efforts to terminate an Allowed Delay as promptly as practicable.

(d) Rule 415; Cutback If at any time the SEC takes the position that the offering of some or all of the Registrable Securities in a Registration Statement is not eligible to be made on a delayed or continuous basis under the provisions of Rule 415 under the 1933 Act, requires any Investor to be named as an "underwriter" or otherwise requires the Company to limit the number of shares eligible to be registered on the Registration Statement, the Company shall use its best efforts to persuade the SEC that, as applicable, the offering contemplated by a Registration Statement is a bona fide secondary offering and not an offering "by or on behalf of the issuer" as defined in Rule 415, that none of the Investors is an "underwriter" and/or that the number of shares the Company is eligible to register on the Registration Statement should not be so limited. The Investors shall have the right to participate or have their counsel participate in any meetings or discussions with the SEC regarding the SEC's position and to comment or have their counsel comment on any written submission made to the SEC with respect thereto. No such written submission shall be made to the SEC to which the Investors' counsel reasonably objects. In the event that, despite the Company's best efforts and compliance with the terms of this Section 2(d), the SEC refuses to alter its position, the Company shall (i) remove from the Registration Statement such portion of the Registrable Securities (the "Cut Back Shares") and/or (ii) agree to such restrictions and limitations on the registration and resale of the Registrable Securities as the SEC may require to assure the Company's compliance with the requirements of Rule 415 (collectively, the "SEC Restrictions"); provided, however, that the Company shall not agree to name any Investor as an "underwriter" in such Registration Statement without the prior written consent of such Investor. Any cut-back imposed on the Investors pursuant to this Section 2(d) shall be allocated among the Investors on a pro rata basis and shall be applied first to any Warrant Shares, unless the SEC Restrictions otherwise require or provide or the Investors otherwise agree. No liquidated damages shall accrue as to any Cut Back Shares until such date as the Company is able to effect the registration of such Cut Back Shares in accordance with any SEC Restrictions (such date, the "Restriction Termination Date" of such Cut Back Shares). From and after the Restriction Termination Date applicable to any Cut Back Shares, all of the provisions of this Section 2 (including the liquidated damages provisions) shall again be applicable to such Cut Back Shares; provided, however, that (i) the Filing Deadline for the Registration Statement including such Cut Back Shares shall be ten (10) Business Days after such Restriction Termination Date, and (ii) the date by which the Company is required to obtain

effectiveness with respect to such Cut Back Shares under Section 2(c) shall be the 60th day immediately after the Restriction Termination Date.

(e) Right to Piggyback Registration.

(i) If at any time following the date of this Agreement that any Registrable Securities remain outstanding and are not freely tradable under Rule 144 (A) there is not one or more effective Registration Statements covering all of the Registrable Securities and (B) the Company proposes for any reason to register any shares of Common Stock under the 1933 Act (other than pursuant to a registration statement on Form S-4 or Form S-8 (or a similar or successor form)) with respect to an offering of Common Stock by the Company for its own account or for the account of any of its stockholders, it shall at each such time promptly give written notice to the holders of the Registrable Securities of its intention to do so (but in no event less than thirty (30) days before the anticipated filing date) and, to the extent permitted under the provisions of Rule 415 under the 1933 Act, include in such registration all Registrable Securities with respect to which the Company has received written requests for inclusion therein within fifteen (15) days after receipt of the Company's notice (a "Piggyback Registration"). Such notice shall offer the holders of the Registrable Securities the opportunity to register such number of shares of Registrable Securities as each such holder may request and shall indicate the intended method of distribution of such Registrable Securities.

(ii) Notwithstanding the foregoing, (A) if such registration involves an underwritten public offering, as a condition to participating in such registration: (1) the Investors shall agree to sell their Registrable Securities to, if applicable, the underwriter(s) at the same price and subject to the same underwriting discounts and commissions that apply to the other securities sold in such offering (it being acknowledged that the Company shall be responsible for other expenses as set forth in Section 2(b)); (2) the Investors shall enter into customary underwriting documentation for selling stockholders in an underwritten public offering; and (3) the Investors shall be subject to any applicable cut backs that the underwriters deem appropriate, and (B) if, at any time after giving written notice of its intention to register any Registrable Securities pursuant to Section 2(e)(i) and prior to the effective date of the registration statement filed in connection with such registration, the Company shall determine for any reason not to cause such registration statement to become effective under the 1933 Act, the Company shall deliver written notice to the Investors and, thereupon, shall be relieved of its obligation to register any Registrable Securities in connection with such registration; provided, however, that nothing contained in this Section 2(e)(ii) shall limit the Company's liabilities and/or obligations under this Agreement, including, without limitation, the obligation to pay liquidated damages under this Section 2.

3. Company Obligations. The Company will use commercially reasonable efforts to effect the registration of the Registrable Securities in accordance with the terms hereof, and pursuant thereto the Company will, as expeditiously as possible:

(a) use commercially reasonable efforts to cause such Registration Statement to become effective and to remain continuously effective for a period that will terminate upon the earlier of (i) the date on which all Registrable Securities covered by such Registration Statement as amended from time to time, have been sold or otherwise disposed of pursuant to the Registration

Statement or in a transaction in which the transferee receives freely tradable shares., and (ii) the date on which the Registrable Securities no longer constitute “Registrable Securities” pursuant to the definition thereof (the “Effectiveness Period”) and advise the Investors in writing when the Effectiveness Period has expired;

(b) prepare and file with the SEC such amendments and post-effective amendments to the Registration Statement and the Prospectus as may be necessary to keep the Registration Statement effective for the Effectiveness Period and to comply with the provisions of the 1933 Act and the 1934 Act with respect to the distribution of all of the Registrable Securities covered thereby;

(c) provide copies to and permit counsel designated by the Investors to review each Registration Statement and all amendments and supplements thereto no fewer than seven (7) days prior to their filing with the SEC and not file any document to which such counsel reasonably objects;

(d) furnish to the Investors and their legal counsel (i) promptly after the same is prepared and publicly distributed, filed with the SEC, or received by the Company (but not later than two (2) Business Days after the filing date, receipt date or sending date, as the case may be) one (1) copy of any Registration Statement and any amendment thereto, each preliminary prospectus and Prospectus and each amendment or supplement thereto, and each letter written by or on behalf of the Company to the SEC or the staff of the SEC, and each item of correspondence from the SEC or the staff of the SEC, in each case relating to such Registration Statement (other than any portion thereof which contains information for which the Company has sought confidential treatment), and (ii) such number of copies of a Prospectus, including a preliminary prospectus, and all amendments and supplements thereto and such other documents as each Investor may reasonably request in order to facilitate the disposition of the Registrable Securities owned by such Investor that are covered by the related Registration Statement;

(e) use commercially reasonable efforts to (i) prevent the issuance of any stop order or other suspension of effectiveness and, (ii) if such order is issued, obtain the withdrawal of any such order at the earliest possible moment;

(f) prior to any public offering of Registrable Securities, use commercially reasonable efforts to register or qualify or cooperate with the Investors and their counsel in connection with the registration or qualification of such Registrable Securities for offer and sale under the securities or blue sky laws of such jurisdictions requested by the Investors and do any and all other commercially reasonable acts or things necessary or advisable to enable the distribution in such jurisdictions of the Registrable Securities covered by the Registration Statement; provided, however, that the Company shall not be required in connection therewith or as a condition thereto to (i) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(f), (ii) subject itself to general taxation in any jurisdiction where it would not otherwise be so subject but for this Section 3(f), or (iii) file a general consent to service of process in any such jurisdiction;

(g) use commercially reasonable efforts to cause all Registrable Securities covered by a Registration Statement to be listed on each securities exchange, interdealer quotation system or other market on which similar securities issued by the Company are then listed;

(h) immediately notify the Investors, at any time prior to the end of the Effectiveness Period, upon discovery that, or upon the happening of any event as a result of which, the Prospectus includes an untrue statement of a material fact or omits to state any material fact required to be stated therein or necessary to make the statements therein not misleading in light of the circumstances then existing, and promptly prepare, file with the SEC and furnish to such holder a supplement to or an amendment of such Prospectus as may be necessary so that such Prospectus shall not include an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading in light of the circumstances then existing;

(i) otherwise use commercially reasonable efforts to comply with all applicable rules and regulations of the SEC under the 1933 Act and the 1934 Act, including, without limitation, Rule 172 under the 1933 Act, file any final Prospectus, including any supplement or amendment thereof, with the SEC pursuant to Rule 424 under the 1933 Act, promptly inform the Investors in writing if, at any time during the Effectiveness Period, the Company does not satisfy the conditions specified in Rule 172 and, as a result thereof, the Investors are required to deliver a Prospectus in connection with any disposition of Registrable Securities and take such other actions as may be reasonably necessary to facilitate the registration of the Registrable Securities hereunder; and make available to its security holders, as soon as reasonably practicable, but not later than the Availability Date (as defined below), an earnings statement covering a period of at least twelve (12) months, beginning after the effective date of each Registration Statement, which earnings statement shall satisfy the provisions of Section 11(a) of the 1933 Act, including Rule 158 promulgated thereunder (for the purpose of this subsection 3(i), "Availability Date" means the 45th day following the end of the fourth fiscal quarter that includes the effective date of such Registration Statement, except that, if such fourth fiscal quarter is the last quarter of the Company's fiscal year, "Availability Date" means the 90th day after the end of such fourth fiscal quarter); and

(j) With a view to making available to the Investors the benefits of Rule 144 (or its successor rule) and any other rule or regulation of the SEC that may at any time permit the Investors to sell shares of Common Stock to the public without registration, the Company covenants and agrees to: (i) make and keep public information available, as those terms are understood and defined in Rule 144, until such date as all of the Registrable Securities shall have been resold pursuant to a Registration Statement, Rule 144 or otherwise in a transaction in which the transferee receives freely tradable shares; (ii) file with the SEC in a timely manner all reports and other documents required of the Company under the 1934 Act; and (iii) furnish to each Investor upon request, as long as such Investor owns any Registrable Securities, (A) a written statement by the Company that it has complied with the reporting requirements of the 1934 Act, (B) a copy of the Company's most recent Annual Report on Form 10-K or Quarterly Report on Form 10-Q, and (C) such other information as may be reasonably requested in order to avail such Investor of any rule or regulation of the SEC that permits the selling of any such Registrable Securities without registration. In the event that the Company fails to comply with the requirements of this Section 3

(j) after the 180th day after the Closing Date, the Company will make pro rata payments to each Investor, as liquidated damages and not as a penalty, in an amount equal to 1.5% of the aggregate amount invested by such Investor pursuant to the Purchase Agreement for each 30-day period or pro rata for any portion thereof until such failure is cured; *provided, however*, that only Investors that have not sold or otherwise disposed of all of their Registrable Securities prior to such failure shall be entitled to receive liquidated damages pursuant to this Section 3. Such payments shall constitute the Investors' exclusive monetary remedy for such events, but shall not affect the right of the Investors to seek injunctive relief. Such payments shall be made to each Investor in cash no later than three (3) Business Days after the end of each 30-day period.

4. Due Diligence Review; Information. The Company shall make available, during normal business hours, for inspection and review by the Investors, advisors to and representatives of the Investors (who may or may not be affiliated with the Investors and who are reasonably acceptable to the Company), all financial and other records, all SEC Filings (as defined in the Purchase Agreement) and other filings with the SEC, and all other corporate documents and properties of the Company as may be reasonably necessary for the purpose of such review, and cause the Company's officers, directors and employees, within a reasonable time period, to supply all such information reasonably requested by the Investors or any such representative, advisor or underwriter in connection with such Registration Statement (including, without limitation, in response to all questions and other inquiries reasonably made or submitted by any of them), prior to and from time to time after the filing and effectiveness of the Registration Statement for the sole purpose of enabling the Investors and such representatives, advisors and underwriters and their respective accountants and attorneys to conduct initial and ongoing due diligence with respect to the Company and the accuracy of such Registration Statement.

The Company shall not disclose any confidential or material nonpublic information to the Investors, or to advisors to or representatives of the Investors, unless prior to disclosure of such information the Company identifies such information as being confidential and/or material nonpublic information and provides the Investors, such advisors and representatives with the opportunity to accept or refuse to accept such information for review and any Investor wishing to obtain such information enters into an appropriate confidentiality agreement with the Company with respect thereto.

5. Obligations of the Investors.

(a) Each Investor shall furnish in writing to the Company such information regarding itself, the Registrable Securities held by it and the intended method of disposition of the Registrable Securities held by it, as shall be reasonably required to effect the registration of such Registrable Securities and shall execute such documents in connection with such registration as the Company may reasonably request. At least five (5) Business Days prior to the first anticipated filing date of any Registration Statement, the Company shall notify each Investor of the information the Company requires from such Investor if such Investor elects to have any of the Registrable Securities included in the Registration Statement. An Investor shall provide such information to the Company at least two (2) Business Days prior to the first anticipated filing date of such

Registration Statement if such Investor elects to have any of the Registrable Securities included in the Registration Statement.

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

(c) Each Investor agrees that, upon receipt of any notice from the Company of either (i) the commencement of an Allowed Delay pursuant to Section 2(c)(ii) or (ii) the happening of an event pursuant to Section 3(h) hereof, such Investor will immediately discontinue disposition of Registrable Securities pursuant to the Registration Statement covering such Registrable Securities, until the Investor is advised by the Company that such dispositions may again be made.

6. Indemnification.

(a) Indemnification by the Company. The Company will indemnify and hold harmless each Investor and its officers, directors, members, managers, partners, trustees, employees and agents and other representatives, successors and assigns, and each other person, if any, who controls such Investor within the meaning of the 1933 Act, against any losses, claims, damages or liabilities, joint or several, to which they may become subject under the 1933 Act or otherwise, insofar as such losses, claims, damages or liabilities (or actions in respect thereof) arise out of or are based upon: (i) any untrue statement or alleged untrue statement or omission or alleged omission of any material fact contained in any Registration Statement, any Prospectus, or any amendment or supplement thereof; (ii) any blue sky application or other document executed by the Company specifically for that purpose or based upon written information furnished by the Company filed in any state or other jurisdiction in order to qualify any or all of the Registrable Securities under the securities laws thereof (any such application, document or information herein called a "Blue Sky Application"); (iii) the omission or alleged omission to state in a Blue Sky Application a material fact required to be stated therein or necessary to make the statements therein not misleading; (iv) any violation by the Company or its agents of any rule or regulation promulgated under the 1933 Act applicable to the Company or its agents and relating to action or inaction required of the Company in connection with such registration; or (v) any failure to register or qualify the Registrable Securities included in any such Registration Statement in any state where the Company or its agents has affirmatively undertaken or agreed in writing that the Company will undertake such registration or qualification on an Investor's behalf and will reimburse such Investor, and each such officer, director or member and each such controlling person for any legal or other expenses reasonably incurred by them in connection with investigating or defending any such loss, claim, damage, liability or action; provided, however, that the Company will not be liable in any such case if and to the extent that any such loss, claim, damage or liability arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission so made in conformity with information furnished by such Investor or any such controlling person in writing specifically for use in such Registration Statement or Prospectus.

(b) Indemnification by the Investors. Each Investor agrees, severally but not jointly, to indemnify and hold harmless, to the fullest extent permitted by law, the Company, its directors, officers, employees, stockholders and each person who controls the Company (within the meaning of the 1933 Act) against any losses, claims, damages, liabilities and expense (including reasonable attorney fees) resulting from any untrue statement of a material fact or any omission of a material fact required to be stated in the Registration Statement or Prospectus or amendment or supplement thereto or necessary to make the statements therein not misleading, to the extent, but only to the extent that such untrue statement or omission is contained in any information furnished in writing by such Investor to the Company specifically for inclusion in such Registration Statement or Prospectus or amendment or supplement thereto. In no event shall the liability of an Investor be greater in amount than the dollar amount of the proceeds (net of all expenses paid by such Investor in connection with any claim relating to this Section 6 and the amount of any damages such Investor has otherwise been required to pay by reason of such untrue statement or omission) received by such Investor upon the sale of the Registrable Securities included in the Registration Statement giving rise to such indemnification obligation.

(c) Conduct of Indemnification Proceedings. Any person entitled to indemnification hereunder shall (i) give prompt notice to the indemnifying party of any claim with respect to which it seeks indemnification and (ii) permit such indemnifying party to assume the defense of such claim with counsel reasonably satisfactory to the indemnified party; provided that any person entitled to indemnification hereunder shall have the right to employ separate counsel and to participate in the defense of such claim, but the fees and expenses of such counsel shall be at the expense of such person unless (a) the indemnifying party has agreed to pay such fees or expenses, or (b) the indemnifying party shall have failed to assume the defense of such claim and employ counsel reasonably satisfactory to such person or (c) in the reasonable judgment of any such person, based upon written advice of its counsel, a conflict of interest exists between such person and the indemnifying party with respect to such claims (in which case, if the person notifies the indemnifying party in writing that such person elects to employ separate counsel at the expense of the indemnifying party, the indemnifying party shall not have the right to assume the defense of such claim on behalf of such person); and provided, further, that the failure of any indemnified party to give notice as provided herein shall not relieve the indemnifying party of its obligations hereunder, except to the extent that such failure to give notice shall materially adversely affect the indemnifying party in the defense of any such claim or litigation. It is understood that the indemnifying party shall not, in connection with any proceeding in the same jurisdiction, be liable for fees or expenses of more than one separate firm of attorneys at any time for all such indemnified parties. No indemnifying party will, except with the consent of the indemnified party, consent to entry of any judgment or enter into any settlement that does not include as an unconditional term thereof the giving by the claimant or plaintiff to such indemnified party of a release from all liability in respect of such claim or litigation.

(d) Contribution. If for any reason the indemnification provided for in the preceding paragraphs (a) and (b) is unavailable to an indemnified party or insufficient to hold it harmless, other than as expressly specified therein, then the indemnifying party shall contribute to the amount paid or payable by the indemnified party as a result of such loss, claim, damage or liability in such proportion as is appropriate to reflect the relative fault of the indemnified party and

the indemnifying party, as well as any other relevant equitable considerations. No person guilty of fraudulent misrepresentation within the meaning of Section 11(f) of the 1933 Act shall be entitled to contribution from any person not guilty of such fraudulent misrepresentation. In no event shall the contribution obligation of a holder of Registrable Securities be greater in amount than the dollar amount of the proceeds (net of all expenses paid by such holder in connection with any claim relating to this Section 6 and the amount of any damages such holder has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission) received by it upon the sale of the Registrable Securities giving rise to such contribution obligation.

7. Miscellaneous.

(a) Amendments and Waivers. Any term of this Agreement may be amended and the observance of any term of this Agreement may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and the Required Investors.

(b) Notices. All notices and other communications provided for or permitted hereunder shall be made as set forth in Section 9.4 of the Purchase Agreement.

(c) Assignments and Transfers by Investors. The provisions of this Agreement shall be binding upon and inure to the benefit of the Investors and their respective successors and assigns. An Investor may transfer or assign, in whole or from time to time in part, to one or more persons its rights hereunder in connection with the transfer of Registrable Securities by such Investor to such person, provided that such Investor complies with all laws applicable thereto and provides written notice of assignment to the Company promptly after such assignment is effected.

(d) Assignments and Transfers by the Company. This Agreement may not be assigned by the Company (whether by operation of law or otherwise) without the prior written consent of the Required Investors; *provided, however*, that in the event that the Company is a party to a merger, consolidation, share exchange or similar business combination transaction in which the Common Stock is converted into the equity securities of another Person, from and after the effective time of such transaction, such Person shall, by virtue of such transaction, be deemed to have assumed the obligations of the Company hereunder, the term "Company" shall be deemed to refer to such Person and the term "Registrable Securities" shall be deemed to include the securities received by the Investors in connection with such transaction unless such securities are otherwise freely tradable by the Investors after giving effect to such transaction.

(e) Benefits of the Agreement. The terms and conditions of this Agreement shall inure to the benefit of and be binding upon the respective successors and permitted assigns of the parties. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and permitted assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

(f) Counterparts; Faxes. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute

one and the same instrument. This Agreement may be delivered via facsimile or other form of electronic communication, which shall be deemed an original.

(g) Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

(h) Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof but shall be interpreted as if it were written so as to be enforceable to the maximum extent permitted by applicable law, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. To the extent permitted by applicable law, the parties hereby waive any provision of law which renders any provisions hereof prohibited or unenforceable in any respect.

(i) Further Assurances. The parties shall execute and deliver all such further instruments and documents and take all such other actions as may reasonably be required to carry out the transactions contemplated hereby and to evidence the fulfillment of the agreements herein contained.

(j) Entire Agreement. This Agreement is intended by the parties as a final expression of their agreement and intended to be a complete and exclusive statement of the agreement and understanding of the parties hereto in respect of the subject matter contained herein. This Agreement supersedes all prior agreements and understandings between the parties with respect to such subject matter.

(k) Governing Law; Consent to Jurisdiction; Waiver of Jury Trial. This Agreement shall be governed by, and construed in accordance with, the internal laws of the State of New York without regard to the choice of law principles thereof. Each of the parties hereto irrevocably submits to the exclusive jurisdiction of the courts of the State of New York located in New York County and the United States District Court for the Southern District of New York for the purpose of any suit, action, proceeding or judgment relating to or arising out of this Agreement and the transactions contemplated hereby. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Agreement. Each of the parties hereto irrevocably consents to the jurisdiction of any such court in any such suit, action or proceeding and to the laying of venue in such court. Each party hereto irrevocably waives any objection to the laying of venue of any such suit, action or proceeding brought in such courts and irrevocably waives any claim that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum. **EACH OF THE PARTIES HERETO WAIVES ANY RIGHT TO REQUEST A TRIAL BY JURY IN ANY LITIGATION WITH RESPECT TO OR ARISING OUT OF THIS AGREEMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY AND REPRESENTS THAT COUNSEL HAS BEEN CONSULTED SPECIFICALLY AS TO THIS WAIVER.**

IN WITNESS WHEREOF, the parties have executed this Agreement or caused their duly authorized officers to execute this Agreement as of the date first above written.

The Company:

IDEAL POWER INC.

By: _____

Name: Timothy Burns

Title: Chief Financial Officer

INVESTORS

(Not applicable to the SSF Investors)

[Investor's signature to be provided by way of its execution of the Omnibus Signature Page to the Placement Agent's "Omnibus Signature Page and Investor Questionnaire" with respect to this Offering.]

Counterpart Signature Page for SSF Investors

SPECIAL SITUATIONS FUND III QP, L.P.
SPECIAL SITUATIONS CAYMAN FUND, L.P.
SPECIAL SITUATIONS TECHNOLOGY FUND, L.P.
SPECIAL SITUATIONS TECHNOLOGY FUND II, L.P.

By: _____
Name: Adam Stettner
Title: General Partner

Plan of Distribution

The selling stockholders, which as used herein includes donees, pledgees, transferees or other successors-in-interest selling shares of common stock or interests in shares of common stock received after the date of this prospectus from a selling stockholder as a gift, pledge, partnership distribution or other transfer, may, from time to time, sell, transfer or otherwise dispose of any or all of their shares of common stock or interests in shares of common stock on any stock exchange, market or trading facility on which the shares are traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale, or at negotiated prices.

The selling stockholders may use any one or more of the following methods when disposing of shares or interests therein:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- short sales effected after the date the registration statement of which this Prospectus is a part is declared effective by the SEC;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- broker-dealers may agree with the selling stockholders to sell a specified number of such shares at a stipulated price per share;
- a combination of any such methods of sale; and
- any other method permitted by applicable law.

The selling stockholders may, from time to time, pledge or grant a security interest in some or all of the shares of common stock owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the shares of common stock, from time to time, under this prospectus, or under an amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act amending the list of selling stockholders

to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus. The selling stockholders also may transfer the shares of common stock in other circumstances, in which case the transferees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

In connection with the sale of our common stock or interests therein, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the common stock in the course of hedging the positions they assume. The selling stockholders may also sell shares of our common stock short and deliver these securities to close out their short positions, or loan or pledge the common stock to broker-dealers that in turn may sell these securities. The selling stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The aggregate proceeds to the selling stockholders from the sale of the common stock offered by them will be the purchase price of the common stock less discounts or commissions, if any. Each of the selling stockholders reserves the right to accept and, together with their agents from time to time, to reject, in whole or in part, any proposed purchase of common stock to be made directly or through agents. We will not receive any of the proceeds from this offering. Upon any exercise of the warrants by payment of cash, however, we will receive the exercise price of the warrants.

The selling stockholders also may resell all or a portion of the shares in open market transactions in reliance upon Rule 144 under the Securities Act of 1933, provided that they meet the criteria and conform to the requirements of that rule.

The selling stockholders and any underwriters, broker-dealers or agents that participate in the sale of the common stock or interests therein may be "underwriters" within the meaning of Section 2(11) of the Securities Act. Any discounts, commissions, concessions or profit they earn on any resale of the shares may be underwriting discounts and commissions under the Securities Act. Selling stockholders who are "underwriters" within the meaning of Section 2(11) of the Securities Act will be subject to the prospectus delivery requirements of the Securities Act.

To the extent required, the shares of our common stock to be sold, the names of the selling stockholders, the respective purchase prices and public offering prices, the names of any agents, dealer or underwriter, any applicable commissions or discounts with respect to a particular offer will be set forth in an accompanying prospectus supplement or, if appropriate, a post-effective amendment to the registration statement that includes this prospectus.

In order to comply with the securities laws of some states, if applicable, the common stock may be sold in these jurisdictions only through registered or licensed brokers or dealers. In addition, in some states the common stock may not be sold unless it has been registered or qualified for sale or an exemption from registration or qualification requirements is available and is complied with.

We have advised the selling stockholders that the anti-manipulation rules of Regulation M under the Exchange Act may apply to sales of shares in the market and to the activities of the selling stockholders and their affiliates. In addition, to the extent applicable we will make copies of this prospectus (as it may be supplemented or amended from time to time) available to the selling stockholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act. The selling stockholders may indemnify any broker-dealer that participates in transactions involving the sale of the shares against certain liabilities, including liabilities arising under the Securities Act.

We have agreed to indemnify the selling stockholders against liabilities, including liabilities under the Securities Act and state securities laws, relating to the registration of the shares offered by this prospectus.

We have agreed with the selling stockholders to keep the registration statement of which this prospectus constitutes a part effective until the earlier of (i) the date that such securities become eligible for resale without volume or manner-of-sale restrictions and without current public information pursuant to Rule 144 and certain other conditions have been satisfied, or (ii) all of the securities have been sold or otherwise disposed of pursuant to the registration statement of which this prospectus forms a part or in a transaction in which the transferee receives freely tradable shares.

February 24, 2017

Ideal Power Inc.
4120 Freidrich Lane, Suite 100
Austin, Texas 78744
Attention: Timothy Burns, Chief Financial Officer

Re: 3(a)(9) Exchange Agreement

Dear Tim:

This document confirms the agreement of Ideal Power Inc., a Delaware corporation (the “Company”), and the holders of the Common Stock listed on Schedule I attached hereto (each a “Common Stock Holder” and collectively, the “Common Stock Holders”), pursuant to which the Common Stock Holders have agreed to exchange an aggregate of 810,000 shares (the “Shares”) of Common Stock, par value \$0.001 per share (the “Common Stock”), of the Company for an aggregate of 810,000 shares (the “Preferred Shares”) of the Company’s newly designated Series A Convertible Preferred Stock, par value \$0.001 per share (the “Preferred Stock”), pursuant to Section 3(a)(9) of the Securities Act of 1933, as amended (the “Act”), on the terms specified below.

(1) Immediately upon the execution and delivery of this Agreement by the parties hereto, (i) the Common Stock Holders shall exchange the Shares for the Preferred Shares (the “Exchange”) in the respective amounts listed on Schedule I (ii) the Common Stock Holders shall instruct their custodian to deliver the Shares to Corporate Stock Transfer, the transfer agent for the Common Stock (the “Transfer Agent”), through the Depository Trust Company’s DWAC system for the account of the Company and the Company shall instruct the Transfer Agent to accept such DWAC delivery of the Shares, and (iii) the Company shall issue and deliver to the Common Stock Holders certificates representing the Preferred Shares, in the amounts and registered in the names set forth on Schedule I. All of the actions set forth above shall be deemed to have occurred simultaneously and no action shall be deemed to have been taken until all of such actions have been taken.

(2) The Company represents and warrants to each Common Stock Holder as follows:

(a) Neither the Company nor any of its affiliates nor any person acting on behalf of or for the benefit of any of the forgoing, has paid or given, or agreed to pay or give, directly or indirectly, any commission or other remuneration (within the meaning of Section 3(a)(9) of the Act and the rules and regulations of the Securities and Exchange Commission (the “Commission”) promulgated thereunder) for soliciting the Exchange.

The Exchange will qualify for the registration exemption contained in Section 3(a)(9) of the Act. The Company acknowledges and agrees that, pursuant to interpretative guidance of the Staff of the Commission, pursuant to Section 3(a)(9) of the Act, the Preferred Stock and the shares of Common Stock issuable upon conversion of the Preferred Stock (the “Conversion Shares”) will have the same freely tradable status as the Shares and the Company agrees not to take any position contrary thereto.

(b) It has the requisite corporate power and authority and power to enter into this Agreement and to consummate the Exchange and, such transactions do not contravene any contractual, regulatory, statutory or other obligation or restriction applicable to the Company.

(c) The certificate of designation for the Preferred Stock, in the form attached hereto as Exhibit A (the “Certificate of Designation”), has been filed with the Secretary of State of Delaware and is effective.

(d) Upon the issuance thereof in accordance with this Agreement, the Preferred Shares will be duly authorized, validly issued, fully paid and nonassessable and have the relative rights, privileges, preferences and limitations set forth in the Certificate of Designation.

(e) It has reserved a sufficient number of shares of Common Stock as may be necessary to fully permit the conversion of the Preferred Stock and the issuance of the Conversion Shares, without regard to any beneficial ownership limits set forth in the Certificate of Designation. Upon the issuance thereof upon the due conversion of the Preferred Shares, the Conversion Shares will be duly authorized, validly issued, fully paid and nonassessable.

(3) Each Common Stock Holder, as to itself only, represents and warrants to the Company as follows:

(a) It has the requisite power and authority to enter into this Agreement and consummate the Exchange.

(b) It is the record and beneficial owner of, and has valid and marketable title to, the Shares being exchanged by it pursuant to this Agreement, free and clear of any lien, pledge, restriction or other encumbrance (other than restrictions arising pursuant to applicable securities laws), and has the absolute and unrestricted right, power and capacity to surrender and exchange the Shares being exchanged by it pursuant to this Agreement, free and clear of any lien, pledge, restriction or other encumbrance. It is not a party to or bound by, and the Shares being exchanged by it pursuant to this Agreement

are not subject to, any agreement, understanding or other arrangement (i) granting any option, warrant or right of first refusal with respect to such Shares to any person, (ii) restricting its right to surrender and exchange such Shares as contemplated by this Agreement, or (iii) restricting any other of its rights with respect to such Shares.

(c) Neither it nor any of its affiliates nor any person acting on behalf of or for the benefit of any of the forgoing, has paid or given, or agreed to pay or give, directly or indirectly, any commission or other remuneration (within the meaning of Section 3(a)(9) of the Act and the rules and regulations of the Commission promulgated thereunder) for soliciting the Exchange.

(4) The Maximum Percentage (as defined in Section 6(d) of the Certificate of Designation) for the Preferred Shares issued to the Common Stock Holders pursuant to this Agreement shall be 9.99%.

(5) This agreement, and any action or proceeding arising out of or relating to this agreement, shall be exclusively governed by the laws of the State of New York.

(6) In the event that any part of this agreement is declared by any court or other judicial or administrative body to be null, void or unenforceable, said provision shall survive to the extent it is not so declared, and all of the other provisions of this agreement shall remain in full force and effect. In such an event, the Common Stock Holders and the Company shall endeavor in good faith negotiations to modify this agreement so as to affect the original intent of the parties as closely as possible.

(7) This Agreement may be executed in two or more counterparts, each of which shall constitute an original, but all of which, when taken together, shall constitute but one instrument, and shall become effective when one or more counterparts have been signed by each party hereto and delivered to the other parties.

[SIGNATURE PAGE FOLLOWS]

Please sign to acknowledge agreement with the above terms and return to the undersigned.

SPECIAL SITUATIONS FUND III QP, L.P.
SPECIAL SITUATIONS CAYMAN FUND, L.P.
SPECIAL SITUATIONS TECHNOLOGY FUND, L.P.
SPECIAL SITUATIONS TECHNOLOGY FUND II, L.P.

By: /s/ Adam Stettner
Name: Adam Stettner
Title: General Partner

Acknowledged and agreed to:

IDEAL POWER INC.

By: /s/ Timothy Burns

Timothy Burns

Chief Financial Officer

SCHEDULE I

Common Stock Holder	Common Stock to be Exchanged	Preferred Stock to Be Received
Special Situations Fund III QP, L.P.	407,390	407,390
Special Situations Cayman, L.P.	118,420	118,420
Special Situations Technology Fund, L.P.	42,350	42,350
Special Situations Technology Fund II, L.P.	241,840	241,840
Total	810,000	810,000

Exhibit A
Certificate of Designation

[attached]



Ideal Power Reports Fourth Quarter and Full Year 2016 Financial Results

Management to Host Conference Call at 4:30 p.m. ET

AUSTIN, TX – February 27, 2017 -- Ideal Power Inc. (NASDAQ: IPWR), a developer of innovative power conversion technologies, reported results for its fourth quarter and full year ended December 31, 2016.

Key 2016 and Subsequent Highlights:

- Subsequent to the closing of the fourth quarter of 2016, we completed a \$15 million private placement with institutional and accredited investors. All members of senior management and the Board of Directors participated in the private placement.
- Introduced and received UL 1741 certification for SunDial™ and Stabiliti™ Series 30kW advanced power conversion system (PCS).
- New SunDial™ solar photovoltaic (PV) string inverter recognized as a Top 20 Energy Storage Disruptor by PV-Tech.
- Signed first licensing agreement for SunDial™ with Flex, a Fortune Global 500 company. NEXTracker, a Flex company, will sell the SunDial™ as part of its newly launched NX Fusion Plus solar plus storage tracker.
- Selected to supply PCS for NEC Energy Solutions' newly launched DSS™ distributed energy storage solution.
- Received 4 Megawatt purchase order from JLM Energy to supply 30kW and 125kW PCS for JLM's portfolio of commercial energy storage and microgrid projects.
- Entered German market with half Megawatt order for grid-resilient 30kW PCS.
- Entered Canadian market with 360kW order from KACO new energy to supply 30kW PCS.
- Semiconductor foundry partner successfully tested Bi-Directional Bi-Polar Junction TRANSistor (B-TRAN™) single-sided silicon dies with results consistent with third party device simulations.
- Tested and demonstrated a new Variable Frequency Drive (VFD) based on patented Power Packet Switching Architecture™ (PPSA™).
- Strengthened patent estate; currently have 62 issued patents, including 24 issued patents for B-TRAN™ and approximately 100 patent applications pending.

"Despite the challenges in our initial target market of standalone energy storage in 2016, we made significant progress in many areas over the course of the year that will benefit us in 2017 and thereafter," said Dan Brdar, Chief Executive Officer.

"Specifically, we established key alliances with some of the largest players entering the commercial and industrial storage segment, introduced new products, expanded our product capabilities, entered new geographical markets, diversified our

revenue base and signed our first major licensing agreement with a Fortune Global 500 company. In addition, we are well positioned to benefit from the resolution of California's Self Generation Incentive Program (SGIP) and the \$187 million in incremental incentives for energy storage projects throughout California for calendar years 2017-2019 as well as the anticipated expansion in addressable markets for our products driven by the continued decline in battery prices."

Continued Brdar: "As we look forward into 2017, our optimism is supported by the anticipated rebound in the storage market in California, the opening up of other storage markets in the U.S. outside of California, the commercial rollout of our SunDial™ and Stabiliti™ series products addressing the solar + storage market and standalone storage and microgrid markets, respectively, and our international expansion into the Australian market. We also look forward to reporting testing results for our B-TRAN™ power semiconductor device and our commercialization of a new product for the electric vehicle fast charging market."

Fourth Quarter and Full Year 2016 Financial Results

- 2016 product revenue decreased 62% to \$1.6 million compared to 2015 product revenue of \$4.3 million.
- Q4 2016 product revenue totalled \$0.4 million versus \$0.4 million in Q3 2016 and \$1.0 million in Q4 2015.
- 2016 gross margins were negative 19% compared to 9% in 2015. Excluding a \$0.3 million inventory charge in Q3 2016 related to the discontinuation of our legacy first generation IBC-30 battery converter, our 2016 gross margins were 1%.
- Q4 2016 gross margins were negative 10% compared to 1% gross margins in Q4 2015.
- 2016 net loss was \$11.0 million compared to \$10.4 million in 2015.
- Q4 2016 net loss was \$2.8 million compared to Q4 2015 net loss of \$3.0 million.
- Cash and cash equivalents totalled \$4.2 million as of December 31, 2016, with no long-term debt outstanding.

"The \$15 million financing announced today demonstrates continued shareholder confidence and support in Ideal Power's future prospects and endeavors," said Tim Burns, Chief Financial Officer. "We plan to use this capital to support our operations in anticipation of growth in our target markets. Furthermore, we expect to aggressively manage our cost structure and cash usage in upcoming quarters to further reduce cash burn as revenue ramps and we realize the leverage and positive working capital benefits of our business model."

Conference Call Details

Ideal Power CEO Dan Brdar and CFO Tim Burns will host the conference call followed by a question and answer period.

To access the call, please use the following information:

Date: Monday, February 27, 2017
Time: 4:30 p.m. ET, 1:30 p.m. PT
Toll-free dial-in number: 1-888-203-7337
International dial-in number: 1-719-325-2252
Conference ID: 7770368

Please call the conference telephone number 5-10 minutes prior to the start time. An operator will register your name and organization. If you have any difficulty connecting with the conference call, please contact MZ Group at 1-949-491-8235.

The conference call will be broadcast live and available for replay at <http://public.viavid.com/index.php?id=123092> and via the investor relations section of the Company's website at www.IdealPower.com.

A replay of the conference call will be available after 7:30 p.m. Eastern time through April 27, 2017.

Toll-free replay number: 1-844-512-2921
International replay number: 1-412-317-6671
Replay ID: 7770368

About Ideal Power Inc.

Ideal Power Inc. (NASDAQ: IPWR) is a technology company dedicated to advancing the efficiency of electric power conversion. The company has developed a novel, patented power conversion technology called Power Packet Switching Architecture™ ("PPSA"). PPSA improves the size, cost, efficiency, flexibility and reliability of electronic power converters. PPSA can scale across several large and growing markets, including solar PV, variable frequency drives, battery energy storage, mobile power and microgrids, and electric vehicle charging. The company is also developing and has patented a bi-directional, bipolar junction transistor ("B-TRAN™") which has the potential to dramatically increase bi-directional power switching efficiency and power density. Ideal Power employs a capital-efficient business model which enables the company to address several product development projects and markets simultaneously. For more information, visit www.IdealPower.com.

Safe Harbor Statement

All statements in this release that are not based on historical fact are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 and the provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements in this press release include our statements that we anticipate growth in our target markets, our addressable markets are expanding due to declining battery prices, the significant progress we made in many areas in 2016 will benefit us in 2017 and thereafter, we are well positioned to benefit from the resolution of California's Self Generation Incentive Program (SGIP) and the \$187 million in incremental incentives for energy storage projects throughout California for calendar years 2017-2019 and we expect to aggressively manage our cost structure and cash usage in upcoming quarters to further reduce cash burn as revenue ramps and we realize the leverage and positive working capital benefits of our business model. While management has based any forward-looking statements included in this release on its current expectations, the information on which such expectations were based may change. These forward-looking statements rely on a number of assumptions concerning future events and are subject to a number of risks, uncertainties and other factors, many of which are outside of our control that could cause actual results to materially differ from such statements. Such risks, uncertainties, and other factors include, but are not limited to, whether the patents for our technology provide adequate protection and whether we can be successful in maintaining, enforcing and defending our patents, the timing and impact

of regulatory developments affecting the markets for our products, our inability to predict with precision or certainty the pace of development and commercialization of our advanced technologies, the uncertainty of whether the demand for energy storage products will grow at a pace consistent with our expectations, whether our backlog will translate into revenue in future periods, whether demand for our products, which we believe are disruptive, will develop, and whether we can compete successfully with other manufacturers and suppliers of power conversion products, both now and in the future, as new products are developed and marketed. Furthermore, we operate in a highly competitive and rapidly changing environment where new and unanticipated risks may arise. The availability and amount of government incentive programs affect our customers spending patterns, and adverse changes or developments in such programs - such as the SGIP in California - have materially and adversely affected our orders, net sales, gross profit and net income, and may do so again in the future. Accordingly, investors should not place any reliance on forward-looking statements as a prediction of actual results. We disclaim any intention to, and undertake no obligation to, update or revise forward-looking statements.

Ideal Power Media Contact:

Antenna Group
Sharon Golubchik
201-465-8008
idealpower@antennagroup.com

Investor Relations Contact:

MZ North America
Chris Tyson
949-491-8235
IPWR@mzgroup.us
www.mzgroup.us

IDEAL POWER INC.
Balance Sheets

	December 31,	
	2016	2015
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 4,204,916	\$ 15,022,286
Accounts receivable, net	378,658	872,874
Inventories, net	1,245,147	648,009
Prepayments and other current assets	312,593	296,355
Total current assets	6,141,314	16,839,524
Property and equipment, net	936,486	925,899
Intangible assets, net	1,905,556	1,466,811
Other assets	17,920	17,920
Total assets	\$ 9,001,276	\$ 19,250,154
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 346,767	\$ 1,338,828
Accrued expenses	1,149,129	1,240,093
Total current liabilities	1,495,896	2,578,921
Long-term liabilities	265,418	—
Total liabilities	1,761,314	2,578,921
Stockholders' equity:		
Common stock, \$0.001 par value; 50,000,000 shares authorized; 9,560,896 shares issued and 9,559,213 shares outstanding at December 31, 2016 and 9,550,544 shares issued and 9,549,544 shares outstanding at December 31, 2015	9,560	9,550
Additional paid-in capital	52,310,482	50,757,414
Treasury stock, at cost, 1,683 and 1,000 shares at December 31, 2016 and 2015, respectively	(5,915)	(2,657)
Accumulated deficit	(45,074,165)	(34,093,074)
Total stockholders' equity	7,239,962	16,671,233
Total liabilities and stockholders' equity	\$ 9,001,276	\$ 19,250,154

IDEAL POWER INC.
Statements of Operations

	For the Quarter Ended December 31,		For the Year Ended December 31,	
	2016	2015	2016	2015
Product revenue	\$ 370,710	\$ 967,391	\$ 1,628,740	\$ 4,259,909
Cost of product revenue	408,084	954,608	1,939,712	3,872,672
Gross profit (loss)	<u>(37,374)</u>	<u>12,783</u>	<u>(310,972)</u>	<u>387,237</u>
Operating expenses:				
Research and development	1,310,804	1,712,028	5,224,992	5,521,390
General and administrative	1,034,615	926,177	3,743,940	3,693,450
Sales and marketing	415,476	421,954	1,737,233	1,644,512
Total operating expenses	<u>2,760,895</u>	<u>3,060,159</u>	<u>10,706,165</u>	<u>10,859,352</u>
Loss from operations	(2,798,269)	(3,047,376)	(11,017,137)	(10,472,115)
Interest income	9,268	10,320	36,046	31,472
Net loss	<u>\$ (2,789,001)</u>	<u>\$ (3,037,056)</u>	<u>\$ (10,981,091)</u>	<u>\$ (10,440,643)</u>
Net loss per share – basic and fully diluted	<u>\$ (0.29)</u>	<u>\$ (0.32)</u>	<u>\$ (1.15)</u>	<u>\$ (1.23)</u>
Weighted average number of shares outstanding – basic and fully diluted	<u>9,551,106</u>	<u>9,432,237</u>	<u>9,548,381</u>	<u>8,495,735</u>

IDEAL POWER INC.
Statements of Cash Flows

	For the Year Ended December 31,	
	2016	2015
Cash flows from operating activities:		
Net loss	\$ (10,981,091)	\$ (10,440,643)
Adjustments to reconcile net loss to net cash used in operating activities:		
Allowance for doubtful accounts	85,375	97,344
Write-down of inventory	72,823	—
Depreciation and amortization	406,639	232,852
Write-off of fixed assets	47,560	53,855
Write-off of capitalized patents	116,969	145,691
Stock-based compensation	1,517,545	1,384,763
Fair value of warrants issued for services	—	84,900
Decrease (increase) in operating assets:		
Accounts receivable	408,841	(523,697)
Inventories	(679,993)	(412,698)
Prepaid expenses and other assets	(16,238)	(32,750)
Increase (decrease) in operating liabilities:		
Accounts payable	(992,061)	897,192
Accrued expenses	(88,280)	466,974
Net cash used in operating activities	<u>(10,101,911)</u>	<u>(8,046,217)</u>
Cash flows from investing activities:		
Purchase of property and equipment	(391,088)	(791,605)
Acquisition of intangible assets	(359,904)	(630,136)
Net cash used in investing activities	<u>(750,992)</u>	<u>(1,421,741)</u>
Cash flows from financing activities:		
Net proceeds from issuance of common stock	—	15,924,405
Exercise of options and warrants	35,533	653,828
Net cash provided by financing activities	<u>35,533</u>	<u>16,578,233</u>
Net increase (decrease) in cash and cash equivalents	(10,817,370)	7,110,275
Cash and cash equivalents at beginning of year	15,022,286	7,912,011
Cash and cash equivalents at end of year	<u>\$ 4,204,916</u>	<u>\$ 15,022,286</u>



Ideal Power Announces \$15 Million Private Placement

AUSTIN, Texas – February 27, 2017 – **Ideal Power Inc.** (NASDAQ: IPWR), a developer of innovative power conversion technologies, has entered into a definitive securities purchase agreement with various accredited investors, including all of Ideal Power's executive officers and directors, to raise gross proceeds of approximately \$15 million in a private placement of common stock and warrants to purchase common stock. In addition, Ideal Power has agreed to sell to a group of affiliated investors whose purchase of common stock would have resulted in such investors beneficially owning more than 9.99% of the Company's outstanding common stock immediately following the offering, shares of the Company's newly designated Series A Convertible Preferred Stock in lieu of common stock. Each share of such preferred stock is convertible, subject to certain limitations, into one share of common stock. Each share of common stock or preferred stock, together with a warrant to purchase one share of common stock, is being sold at a per share price of \$2.535. The warrants will have an exercise price of \$2.41 per share, are non-exercisable for the first six months and will expire three years from the date of issuance. The transaction is anticipated to close on or about March 3, 2017, subject to customary closing conditions. Ideal Power anticipates using the net proceeds from the transaction primarily for working capital and general corporate purposes.

National Securities Corporation, a wholly owned subsidiary of National Holdings, Inc. (NASDAQ: NHLD), acted as the exclusive placement agent for the financing. The Liquid Venture Partners group at National Securities Corporation was responsible for sourcing and executing the private placement.

Ideal Power has agreed to file a registration statement with the Securities and Exchange Commission registering the resale of the shares of common stock, and the shares of common stock underlying the warrants and preferred stock, purchased in the private placement.

The securities to be sold in the private placement will not have been registered under the Securities Act of 1933, as amended, or state securities laws as of the time of issuance and may not be offered or sold in the United States absent registration with the Securities and Exchange Commission or an applicable exemption from such registration requirements.

This press release does not constitute an offer to sell or the solicitation of an offer to buy the securities, nor shall there be any sale of the securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of such state or jurisdiction. Any offering of the securities under the resale registration statement will only be by means of a prospectus.

About Ideal Power Inc.

Ideal Power Inc. (NASDAQ: IPWR) is a technology company dedicated to advancing electric power conversion. The company has developed a novel, patented power conversion technology called Power Packet Switching Architecture™ (PPSA™). PPSA™ improves the size, cost, efficiency, flexibility and reliability of electronic power converters. PPSA™ can scale across several large and growing markets, including solar PV, variable frequency drives, battery energy storage, mobile power and microgrids, and electric vehicle fast charging. The Company is also developing and has patented a bi-directional, bi-polar junction transistor (B-TRAN™) which has

the potential to dramatically increase bi-directional power switching efficiency and power density. Ideal Power employs a capital-efficient business model which enables the company to address several product development projects and markets simultaneously. For more information, visit www.IdealPower.com.

Safe Harbor Statement

All statements in this release that are not based on historical fact are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 and the provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements in this press release include statements about the Company's ability to close the offering and its intended use of proceeds. These forward-looking statements rely on a number of assumptions concerning future events and are subject to a number of risks, uncertainties and other factors, many of which are outside of Ideal Power's control that could cause actual results to materially differ from such statements. Such risks, uncertainties, and other factors include, but are not limited to, whether the patents for Ideal Power's technology provide adequate protection and whether the Company can be successful in maintaining, enforcing and defending its patents, the timing and impact of regulatory developments affecting the markets for its products, Ideal Power's inability to predict with precision or certainty the pace of development and commercialization of its advanced technologies, the uncertainty of whether the demand for energy storage products will grow at a pace consistent with the Company's expectations, whether its backlog will translate into revenue in future periods, whether demand for its products, which the Company believes are disruptive, will develop, and whether it can compete successfully with other manufacturers and suppliers of power conversion products, both now and in the future, as new products are developed and marketed, and other risks detailed from time to time in Ideal Power's filings with the Securities and Exchange Commission. Accordingly, investors should not place any reliance on forward-looking statements as a prediction of actual results. Ideal Power disclaims any intention to, and undertakes no obligation to, update or revise forward-looking statements.

Ideal Power Media Contact:

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