

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): June 7, 2013

PRESSURE BIOSCIENCES, INC.
(Exact name of registrant as specified in its charter)

Massachusetts
(State or other Jurisdiction of
Incorporation)

000-21615
(Commission
File Number)

04-2652826
(IRS Employer
Identification No.)

14 Norfolk Avenue
South Easton, Massachusetts 02375

(Address of principal executive offices)(Zip Code)

Registrant's telephone number, including area code: (508) 230-1828

N/A
(Former name or former address, if changed since last report)

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

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

On June 7, 2013 (the "Closing Date"), Pressure BioSciences, Inc. (the "Company") entered into a securities purchase agreement (the "Agreement") with an institutional investor (the "Investor"), whereby the Company agreed to sell and the Investor agreed to purchase, an aggregate of \$500,000 in principal amount of 10% convertible debentures (the "Debentures").

The Debentures are to be funded in accordance with the following schedule: \$250,000 upon the Closing Date, \$100,000 on or before the 30th day immediately following the Closing Date, and \$150,000 on or before the 60th day immediately following the Closing Date. The Debentures mature one (1) year from their issuance date.

The Company has the option to prepay the Debentures at any time. If the Company elects to prepay the Debentures, the Company is required to pay to the Investor an amount in cash equal to 120% multiplied by the sum of all principal, interest and any other amounts owing. The Debentures are convertible into common stock, at the Investor's option, at a price of \$0.40 per share as long as the Company is not in default under the Debentures, or is in default but cures the default in less than 10 days. If the Company is in default, then the conversion price shall be the lesser of \$0.40 per share or (ii) sixty-five percent (65%) of the lowest traded price of the common stock as quoted by Bloomberg L.P. during the ten (10) trading days immediately preceding the conversion date.

Under the Agreement, while the Investor (or its successor or assign) holds any Debentures, if the Company proposes to offer and sell any equity or convertible debt securities primarily for purposes of financing the operations or business of the Company, the Company shall provide to the investor (or its successor or assign) written notice stating the number of securities proposed to be offered and sold, the total purchase price, the terms of payment, and any other material terms of the offer. For a period of three business days after its receipt of such notice, the Investor (or its successor or assign) may, by written notice delivered to the Company within such time period, accept such offer and elect to purchase all or any portion of such securities on the terms set forth in the notice provided by the Company and similar terms as other investors that purchase securities in such offering.

The Investor has agreed to restrict its ability to convert the Debentures and receive shares of common stock such that the number of shares of common stock held by them in the aggregate and their affiliates after such conversion or exercise does not exceed 4.99% of the then issued and outstanding shares of common stock. The Debentures also provide for penalties and rescission rights if we do not deliver shares of our common stock upon conversion within the time periods specified in the debentures.

The Company claims an exemption from the registration requirements of the Securities Act of 1933, as amended (the "Act") for the private placement of these securities pursuant to Section 4(2) of the Act and/or Regulation D promulgated there under since, among other things, the transaction did not involve a public offering, Investor is an accredited investor, Investor had access to information about the Company and their investment, Investor took the securities for investment and not resale, and the Company took appropriate measures to restrict the transfer of the securities.

The description of the Agreement and Debentures does not purport to be complete and is qualified in its entirety by reference to the Agreement and Debentures, copies of which are attached to this Current Report on Form 8-K as Exhibits 10.1 and 4.1, respectively, and are incorporated herein by reference.

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

The disclosure in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item.

Item 3.02 Unregistered Sales of Equity Securities.

The disclosure in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
4.1	Convertible Debenture dated June 7, 2013.
10.1	Securities Purchase Agreement dated June 7, 2013.

SIGNATURES

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

PRESSURE BIOSCIENCES, INC.

Date: June 13, 2013

By: /s/ Richard T. Schumacher

Richard T. Schumacher
President and Chief Executive Officer

NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE CONVERTIBLE HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL (WHICH COUNSEL SHALL BE SELECTED BY THE HOLDER), IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR (II) UNLESS SOLD PURSUANT TO RULE 144 OR RULE 144A UNDER SAID ACT. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES.

Principal Amount: \$250,000.00
Purchase Price: \$250,000.00

Issue Date: June 7, 2013

10% CONVERTIBLE DEBENTURE

FOR VALUE RECEIVED, PRESSURE BIOSCIENCES, INC., a Massachusetts corporation (hereinafter called the "Borrower"), hereby promises to pay to the order of **Redwood Management LLC**, or registered assigns (the "Holder") the sum of \$250,000.00 together with interest as set forth herein, on June 5, 2014 (the "Maturity Date"), and to pay interest on the initial principal balance hereof at the rate of ten percent (10%) (the "Interest Rate"), all of which shall be deemed earned as of the date hereof (the "Issue Date"), until the same becomes due and payable, whether at maturity or upon acceleration or by prepayment or otherwise. The ten percent (10%) interest shall be payable regardless of how long this Debenture remains outstanding. This Debenture may not be prepaid in whole or in part except as otherwise explicitly set forth herein. Any amount of principal or interest on this Debenture which is not paid when due shall bear interest at the rate of eighteen percent (18%) per annum from the due date thereof until the same is paid ("Default Interest"). Interest shall commence accruing on the date that the Debenture is fully paid and shall be computed on the basis of a 365-day year and the actual number of days elapsed. All payments due hereunder (to the extent not converted into common stock, \$0.01 par value per share (the "Common Stock") in accordance with the terms hereof) shall be made in lawful money of the United States of America. All payments shall be made at such address as the Holder shall hereafter give to the Borrower by written notice made in accordance with the provisions of this Debenture. Whenever any amount expressed to be due by the terms of this Debenture is due on any day which is not a business day, the same shall instead be due on the next succeeding day which is a business day and, in the case of any interest payment date which is not the date on which this Debenture is paid in full, the extension of the due date thereof shall not be taken into account for purposes of determining the amount of interest due on such date. As used in this Debenture, the term "business day" shall mean any day other than a Saturday, Sunday or a day on which commercial banks in the city of New York, New York are authorized or required by law or executive order to remain closed. Each capitalized term used herein, and not otherwise defined, shall have the meaning ascribed thereto in that certain Securities Purchase Agreement dated the date hereof, pursuant to which this Debenture was originally issued (the "Purchase Agreement").

This Debenture is free from all taxes, liens, claims and encumbrances with respect to the issue thereof and shall not be subject to preemptive rights or other similar rights of shareholders of the Borrower and will not impose personal liability upon the holder thereof.

The following terms shall apply to this Debenture:

ARTICLE I. CONVERSION RIGHTS

1.1 Conversion Right. The Holder shall have the right from time to time, and at any time commencing on the six (6) month anniversary of the Issue Date and ending on the later of: (i) the Maturity Date and (ii) such later date as this Debenture has been paid in full, each in respect of the remaining outstanding principal amount of this Debenture to convert all or any part of the outstanding and unpaid principal amount of this Debenture into fully paid and non-assessable shares of Common Stock, as such Common Stock exists on the Issue Date, or any shares of capital stock or other securities of the Borrower into which such Common Stock shall hereafter be changed or reclassified at the conversion price (the "Conversion Price") determined as provided herein (a "Conversion"); provided, however, that in no event shall the Holder be entitled to convert any portion of this Debenture in excess of that portion of this Debenture upon conversion of which the sum of (1) the number of shares of Common Stock beneficially owned by the Holder and its affiliates (other than shares of Common Stock which may be deemed beneficially owned through the ownership of the unconverted portion of the Debentures or the unexercised or unconverted portion of any other security of the Borrower subject to a limitation on conversion or exercise analogous to the limitations contained herein) and (2) the number of shares of Common Stock issuable upon the conversion of the portion of this Debenture with respect to which the determination of this proviso is being made, would result in beneficial ownership by the Holder and its affiliates of more than 4.99% of the outstanding shares of Common Stock. For purposes of the proviso to the immediately preceding sentence, beneficial ownership shall be determined in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and Regulations 13D-G thereunder, except as otherwise provided in clause (1) of such proviso, provided, further, however, that the limitations on conversion may be waived by the Holder upon, at the election of the Holder, not less than 61 days' prior notice to the Borrower, and the provisions of the conversion limitation shall continue to apply until such 61st day (or such later date, as determined by the Holder, as may be specified in such notice of waiver). The number of shares of Common Stock to be issued upon each conversion of this Debenture shall be determined by dividing the Conversion Amount (as defined below) by the applicable Conversion Price then in effect on the date specified in the notice of conversion, in the form attached hereto as Exhibit A (the "Notice of Conversion"), delivered to the Borrower by the Holder in accordance with Section 1.4 below; provided that the Notice of Conversion is submitted by facsimile or e-mail (or by other means resulting in, or reasonably expected to result in, notice) to the Borrower before 6:00 p.m., New York, New York time on such conversion date (the "Conversion Date"). The term "Conversion Amount" means, with respect to any conversion of this Debenture, the sum of (1) the principal amount of this Debenture to be converted in such conversion plus (2) at the Holder's option, accrued and unpaid interest, if any, on such principal amount at the interest rates provided in this Debenture to the Conversion Date, plus (3) at the Holder's option, Default Interest, if any, on the amounts referred to in the immediately preceding clauses (1) and/or (2) plus (4) at the Holder's option, any amounts owed to the Holder pursuant to Sections 1.3 and 1.4(g) hereof.

1.2 Conversion Price.

(a) Conversion Price. The conversion price (the “Conversion Price”) shall be \$0.40 per share (subject to equitable adjustments for stock splits, stock dividends or rights offerings by the Borrower relating to the Borrower’s securities or the securities of any subsidiary of the Borrower, combinations, recapitalization, reclassifications, extraordinary distributions and similar events and issuances of securities at specified lower prices). Notwithstanding the foregoing, if an Event of Default shall have occurred and continues for a period of ten (10) days, then the Conversion Price shall be the lesser of \$0.40 per share and (ii) sixty-five percent (65%) of the lowest traded price of the Common Stock as quoted by Bloomberg L.P. during the ten (10) trading days immediately preceding the Conversion Date, as may adjusted as set forth below.

(b) Conversion Price During Major Announcements. Notwithstanding anything contained in Section 1.2(a) to the contrary, in the event the Borrower (i) makes a public announcement that it intends to consolidate or merge with any other corporation (other than a merger in which the Borrower is the surviving or continuing corporation and its capital stock is unchanged) or sell or transfer all or substantially all of the assets of the Borrower or (ii) any person, group or entity (including the Borrower) publicly announces a tender offer to purchase 50% or more of the Borrower’s Common Stock (or any other takeover scheme) (the date of the announcement referred to in clause (i) or (ii) is hereinafter referred to as the “Announcement Date”), then the Conversion Price shall, effective upon the Announcement Date and continuing through the Adjusted Conversion Price Termination Date (as defined below), be equal to the lower of (x) the Conversion Price which would have been applicable for a Conversion occurring on the Announcement Date and (y) the Conversion Price that would otherwise be in effect. From and after the Adjusted Conversion Price Termination Date, the Conversion Price shall be determined as set forth in this Section 1.2(a). For purposes hereof, “Adjusted Conversion Price Termination Date” shall mean, with respect to any proposed transaction or tender offer (or takeover scheme) for which a public announcement as contemplated by this Section 1.2(b) has been made, the date upon which the Borrower (in the case of clause (i) above) or the person, group or entity (in the case of clause (ii) above) consummates or publicly announces the termination or abandonment of the proposed transaction or tender offer (or takeover scheme) which caused this Section 1.2(b) to become operative.

1.3 Authorized Shares. The Borrower covenants that during the period the conversion right exists, the Borrower will reserve from its authorized and unissued Common Stock a sufficient number of shares, free from preemptive rights, to provide for the issuance of Common Stock upon the full conversion of this Debenture issued pursuant to the Purchase Agreement. The Borrower is required at all times to have authorized and reserved two and a half (2.5) times the number of shares that is actually issuable upon full conversion of the Debenture (based on the Conversion Price of the Debentures in effect from time to time) (the "Reserved Amount"). The Reserved Amount shall be recalculated each month and the Company shall notify the Transfer Agent and the Holder in writing by the fifth day of the following month of the new Reserved Amount. Notwithstanding the foregoing, in no event shall the Reserved Amount be lower than the initial Reserved Amount, regardless of any prior conversions. The Borrower represents that upon issuance, such shares will be duly and validly issued, fully paid and non-assessable. In addition, if the Borrower shall issue any securities or make any change to its capital structure which would change the number of shares of Common Stock into which the Debentures shall be convertible at the then current Conversion Price, the Borrower shall at the same time make proper provision so that thereafter there shall be a sufficient number of shares of Common Stock authorized and reserved, free from preemptive rights, for conversion of the outstanding Debentures. The Borrower (i) acknowledges that it has irrevocably instructed its transfer agent to issue certificates for the Common Stock issuable upon conversion of this Debenture, and (ii) agrees that its issuance of this Debenture shall constitute full authority to its officers and agents who are charged with the duty of executing stock certificates to execute and issue the necessary certificates for shares of Common Stock in accordance with the terms and conditions of this Debenture.

If, at any time the Borrower does not maintain the Reserved Amount or fails to notify the Holder and the Transfer Agent of the new Reserved Amount, it will be considered an Event of Default under Section 3.2 of the Debenture.

1.4 Method of Conversion.

(a) Mechanics of Conversion. Subject to Section 1.1, this Debenture may be converted by the Holder in whole or in part at any time and from time to time after the six month anniversary of the Issue Date, by (A) submitting to the Borrower a Notice of Conversion (by facsimile, e-mail or other reasonable means of communication dispatched on the Conversion Date prior to 6:00 p.m., New York, New York time) and (B) subject to Section 1.4(b), surrendering this Debenture at the principal office of the Borrower.

(b) Surrender of Debenture Upon Conversion. Notwithstanding anything to the contrary set forth herein, upon conversion of this Debenture in accordance with the terms hereof, the Holder shall not be required to physically surrender this Debenture to the Borrower unless the entire unpaid principal amount of this Debenture is so converted. The Holder and the Borrower shall maintain records showing the principal amount so converted and the dates of such conversions or shall use such other method, reasonably satisfactory to the Holder and the Borrower, so as not to require physical surrender of this Debenture upon each such conversion. In the event of any dispute or discrepancy, such records of the Borrower shall, *prima facie*, be controlling and determinative in the absence of manifest error. Notwithstanding the foregoing, if any portion of this Debenture is converted as aforesaid, the Holder may not transfer this Debenture unless the Holder first physically surrenders this Debenture to the Borrower, whereupon the Borrower will forthwith issue and deliver upon the order of the Holder a new Debenture of like tenor, registered as the Holder (upon payment by the Holder of any applicable transfer taxes) may request, representing in the aggregate the remaining unpaid principal amount of this Debenture. The Holder and any assignee, by acceptance of this Debenture, acknowledge and agree that, by reason of the provisions of this paragraph, following conversion of a portion of this Debenture, the unpaid and unconverted principal amount of this Debenture represented by this Debenture may be less than the amount stated on the face hereof.

(c) Payment of Taxes. The Borrower shall not be required to pay any tax which may be payable in respect of any transfer involved in the issue and delivery of shares of Common Stock or other securities or property on conversion of this Debenture in a name other than that of the Holder (or in street name), and the Borrower shall not be required to issue or deliver any such shares or other securities or property unless and until the person or persons (other than the Holder or the custodian in whose street name such shares are to be held for the Holder's account) requesting the issuance thereof shall have paid to the Borrower the amount of any such tax or shall have established to the satisfaction of the Borrower that such tax has been paid.

(d) Delivery of Common Stock Upon Conversion. Upon receipt by the Borrower from the Holder of a facsimile transmission or e-mail (or other reasonable means of communication) of a Notice of Conversion meeting the requirements for conversion as provided in this Section 1.4, the Borrower shall issue and deliver or cause to be issued and delivered to or upon the order of the Holder certificates for the Common Stock issuable upon such conversion within three (3) business days after such receipt (the "Deadline") (and, solely in the case of conversion of the entire unpaid principal amount hereof, surrender of this Debenture) in accordance with the terms hereof and the Purchase Agreement.

(e) Obligation of Borrower to Deliver Common Stock. Upon receipt by the Borrower of a Notice of Conversion, the Holder shall be deemed to be the holder of record of the Common Stock issuable upon such conversion, the outstanding principal amount and the amount of accrued and unpaid interest on this Debenture shall be reduced to reflect such conversion, and, unless the Borrower defaults on its obligations under this Article I, all rights with respect to the portion of this Debenture being so converted shall forthwith terminate except the right to receive the Common Stock or other securities, cash or other assets, as herein provided, on such conversion. If the Holder shall have given a Notice of Conversion as provided herein, the Borrower's obligation to issue and deliver the certificates for Common Stock shall be absolute and unconditional, irrespective of the absence of any action by the Holder to enforce the same, any waiver or consent with respect to any provision thereof, the recovery of any judgment against any person or any action to enforce the same, any failure or delay in the enforcement of any other obligation of the Borrower to the holder of record, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by the Holder of any obligation to the Borrower, and irrespective of any other circumstance which might otherwise limit such obligation of the Borrower to the Holder in connection with such conversion. The Conversion Date specified in the Notice of Conversion shall be the Conversion Date so long as the Notice of Conversion is received by the Borrower before 6:00 p.m., New York, New York time, on such date.

(f) Delivery of Common Stock by Electronic Transfer. In lieu of delivering physical certificates representing the Common Stock issuable upon conversion, provided the Borrower is participating in the Depository Trust Borrower ("DTC") Fast Automated Securities Transfer ("FAST") program, upon request of the Holder and its compliance with the provisions contained in Section 1.1 and in this Section 1.4, the Borrower shall use its best efforts to cause its transfer agent to electronically transmit the Common Stock issuable upon conversion to the Holder by crediting the account of Holder's Prime Broker with DTC through its Deposit Withdrawal Agent Commission ("DWAC") system.

(g) Failure to Deliver Common Stock Prior to Deadline. Without in any way limiting the Holder's right to pursue other remedies, including actual damages and/or equitable relief, the parties agree that if delivery of the Common Stock issuable upon conversion of this Debenture is not delivered by the Deadline, the Borrower shall pay to the Holder, in cash, as partial liquidated damages and not as a penalty, for each \$1,000 of shares of Common Stock issuable upon such conversion (based on the VWAP of the Common Stock on the date such shares are submitted to the Transfer Agent) delivered, \$10 per trading day (increasing to \$20 per trading day five trading days after such damages have begun to accrue) for each trading day after such shares were to be issued, until such certificate is delivered. Such cash amount shall be paid to Holder by the fifth day of the month following the month in which it has accrued or, at the option of the Holder (by written notice to the Borrower by the first day of the month following the month in which it has accrued), shall be added to the principal amount of this Debenture, in which event interest shall accrue thereon in accordance with the terms of this Debenture and such additional principal amount shall be convertible into Common Stock in accordance with the terms of this Debenture. The Borrower agrees that the right to convert is a valuable right to the Holder. The damages resulting from a failure, attempt to frustrate, interference with such conversion right are difficult if not impossible to qualify. Accordingly the parties acknowledge that the liquidated damages provision contained in this Section 1.4(g) are justified.

1.5 Concerning the Shares. The shares of Common Stock issuable upon conversion of this Debenture may not be sold or transferred unless (i) such shares are sold pursuant to an effective registration statement under the Act or (ii) the Borrower or its transfer agent shall have been furnished with an opinion of counsel (which opinion shall be in form, substance and scope customary for opinions of counsel in comparable transactions) to the effect that the shares to be sold or transferred may be sold or transferred pursuant to an exemption from such registration or (iii) such shares are sold or transferred pursuant to Rule 144 under the Act (or a successor rule) ("Rule 144") or (iv) such shares are transferred to an "affiliate" (as defined in Rule 144) of the Borrower who agrees to sell or otherwise transfer the shares only in accordance with this Section 1.5 and who is an accredited investor. Except as otherwise provided in the Purchase Agreement (and subject to the removal provisions set forth below), until such time as the shares of Common Stock issuable upon conversion of this Debenture have been registered under the Act or otherwise may be sold pursuant to Rule 144 without any restriction as to the number of securities as of a particular date that can then be immediately sold, each certificate for shares of Common Stock issuable upon conversion of this Debenture that has not been so included in an effective registration statement or that has not been sold pursuant to an effective registration statement or an exemption that permits removal of the legend, shall bear a legend substantially in the following form, as appropriate:

“NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE EXERCISABLE HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED (I) IN THE ABSENCE OF (A) AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR (B) AN OPINION OF COUNSEL (WHICH COUNSEL SHALL BE SELECTED BY THE HOLDER), IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR (II) UNLESS SOLD PURSUANT TO RULE 144 OR RULE 144A UNDER SAID ACT. NOTWITHSTANDING THE FOREGOING, THE SECURITIES MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN OR FINANCING ARRANGEMENT SECURED BY THE SECURITIES.”

The legend set forth above shall be removed and the Borrower shall issue to the Holder a new certificate therefore free of any transfer legend if (i) the Borrower or its transfer agent shall have received an opinion of counsel, in form, substance and scope customary for opinions of counsel in comparable transactions, to the effect that a public sale or transfer of such Common Stock may be made without registration under the Act, which opinion shall be accepted by the Borrower so that the sale or transfer is effected or (ii) in the case of the Common Stock issuable upon conversion of this Debenture, such security is registered for sale by the Holder under an effective registration statement filed under the Act or otherwise may be sold pursuant to Rule 144 without any restriction as to the number of securities as of a particular date that can then be immediately sold. In the event that the Borrower does not accept the opinion of counsel provided by the Buyer with respect to the transfer of Securities pursuant to an exemption from registration, such as Rule 144 or Regulation S, at the Deadline, it will be considered an Event of Default pursuant to Section 3.2 of the Debenture.

1.6 Effect of Certain Events.

(a) Effect of Merger, Consolidation, Etc. At the option of the Holder, the sale, conveyance or disposition of all or substantially all of the assets of the Borrower, the effectuation by the Borrower of a transaction or series of related transactions in which more than 50% of the voting power of the Borrower is disposed of, or the consolidation, merger or other business combination of the Borrower with or into any other Person (as defined below) or Persons when the Borrower is not the survivor shall be treated pursuant to Section 1.6(b) hereof. “Person” shall mean any individual, corporation, limited liability company, partnership, association, trust or other entity or organization.

(b) Adjustment Due to Merger, Consolidation, Etc. If, at any time when this Debenture is issued and outstanding and prior to conversion of all of the Debentures, there shall be any merger, consolidation, exchange of shares, recapitalization, reorganization, or other similar event, as a result of which shares of Common Stock of the Borrower shall be changed into the same or a different number of shares of another class or classes of stock or securities of the Borrower or another entity, or in case of any sale or conveyance of all or substantially all of the assets of the Borrower other than in connection with a plan of complete liquidation of the Borrower, then the Holder of this Debenture shall thereafter have the right to receive upon conversion of this Debenture, upon the basis and upon the terms and conditions specified herein and in lieu of the shares of Common Stock immediately theretofore issuable upon conversion, such stock, securities or assets which the Holder would have been entitled to receive in such transaction had this Debenture been converted in full immediately prior to such transaction (without regard to any limitations on conversion set forth herein), and in any such case appropriate provisions shall be made with respect to the rights and interests of the Holder of this Debenture to the end that the provisions hereof (including, without limitation, provisions for adjustment of the Conversion Price and of the number of shares issuable upon conversion of the Debenture) shall thereafter be applicable, as nearly as may be practicable in relation to any securities or assets thereafter deliverable upon the conversion hereof. The Borrower shall not affect any transaction described in this Section 1.6(b) unless (a) it first gives, to the extent practicable, thirty (30) days prior written notice (but in any event at least fifteen (15) days prior written notice) of the record date of the special meeting of shareholders to approve, or if there is no such record date, the consummation of, such merger, consolidation, exchange of shares, recapitalization, reorganization or other similar event or sale of assets (during which time the Holder shall be entitled to convert this Debenture) and (b) the resulting successor or acquiring entity (if not the Borrower) assumes by written instrument the obligations of this Section 1.6(b). The above provisions shall similarly apply to successive consolidations, mergers, sales, transfers or share exchanges.

(c) Purchase Rights If, at any time when any Debentures are issued and outstanding, the Borrower issues any convertible securities or rights to purchase stock, warrants, securities or other property (the "Purchase Rights") pro rata to the record holders of any class of Common Stock, then the Holder of this Debenture will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which such Holder could have acquired if such Holder had held the number of shares of Common Stock acquirable upon complete conversion of this Debenture (without regard to any limitations on conversion contained herein) 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 Common Stock are to be determined for the grant, issue or sale of such Purchase Rights. Notwithstanding the foregoing, the Holder of this Debenture shall not be entitled to such Purchase Rights in connection with issuances of (a) shares of Common Stock or options to employees, officers, directors or consultants of the Company pursuant to any stock or option plan or agreement duly adopted for such purpose by the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose,) (b) securities upon the exercise, exchange or conversion of any Securities issued hereunder and/or other securities, options, warrants, convertible securities or other rights to acquire, exercisable or exchangeable for or convertible into, shares of Common Stock, in each case that are issued and outstanding on the date of this Agreement, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise, exchange or conversion price of such securities, (c) securities issued pursuant to acquisitions of companies, assets or intellectual property (or licensing of assets or intellectual property) or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a Person which is, itself or through its subsidiaries, an operating company or a university of other non-financial institution and in which the Company receives benefits in addition to the investment of funds, (d) securities issued or issuable in exchange for other than cash in connection with any other transaction that is not for the primary purpose of financing the Company's business, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities.

(d) Issuance of Lower Priced Securities. If, at any time while this Debenture is outstanding, the Borrower or any subsidiary, as applicable, sells or grants any option to purchase or sells or grants any right to reprice, or otherwise disposes of or issues (or announces any sale, grant or any option to purchase or other disposition), any Common Stock or Common Stock equivalents entitling any Person to acquire shares of Common Stock at an effective price per share that is lower than the then Conversion Price (such lower price, the “Base Conversion Price”), then the Conversion Price shall be reduced to equal the lower of the Base Conversion Price or the Conversion Price as set forth above. Such adjustment shall be made whenever such Common Stock or Common Stock equivalents are issued (each a “Dilutive Issuance”). If the Borrower enters into a variable rate transaction, the Borrower shall be deemed to have issued Common Stock or Common Stock equivalents at the lowest possible conversion price at which such securities may be converted or exercised. The Borrower shall notify the Holder in writing, no later than one (1) Business Day following the issuance of any Common Stock or Common Stock equivalents subject to this Section 1.6(d), indicating therein the applicable issuance price, or applicable reset price, exchange price, conversion price and other pricing terms (such notice, the “Dilutive Issuance Notice”). For purposes of clarification, whether or not the Borrower provides a Dilutive Issuance Notice pursuant to this Section 1.6(d), upon the occurrence of any Dilutive Issuance, the Holder is entitled to receive a number of Conversion Shares based upon the Base Conversion Price on or after the date of such Dilutive Issuance, regardless of whether the Holder accurately refers to the Base Conversion Price in the Notice of Conversion.

(e) Notice of Adjustments. Upon the occurrence of each adjustment or readjustment of the Conversion Price as a result of the events described in this Section 1.6, the Borrower, at its expense, shall promptly compute such adjustment or readjustment and prepare and furnish to the Holder a certificate setting forth such adjustment or readjustment and showing in detail the facts upon which such adjustment or readjustment is based. The Borrower shall, upon the written request at any time of the Holder, furnish to such Holder a like certificate setting forth (i) such adjustment or readjustment, (ii) the Conversion Price at the time in effect and (iii) the number of shares of Common Stock and the amount, if any, of other securities or property which at the time would be received upon conversion of the Debenture.

1.7 Trading Market Limitations. Unless permitted by the applicable rules and regulations of the principal securities market on which the Common Stock is then listed or traded, in no event shall the Borrower issue upon conversion of or otherwise pursuant to this Debenture and the other Debentures issued pursuant to the Purchase Agreement more than the maximum number of shares of Common Stock that the Borrower can issue pursuant to any rule of the principal United States securities market on which the Common Stock is then traded (the “Maximum Share Amount”), which shall be 4.99% of the total shares outstanding on the Closing Date (as defined in the Purchase Agreement), subject to equitable adjustment from time to time for stock splits, stock dividends, combinations, capital reorganizations and similar events relating to the Common Stock occurring after the date hereof.

1.8 Status as Shareholder. Upon submission of a Notice of Conversion by a Holder, (i) the shares covered thereby (other than the shares, if any, which cannot be issued because their issuance would exceed such Holder's allocated portion of the Reserved Amount or Maximum Share Amount) shall be deemed converted into shares of Common Stock and (ii) the Holder's rights as a Holder of such converted portion of this Debenture shall cease and terminate, excepting only the right to receive certificates for such shares of Common Stock and to any remedies provided herein or otherwise available at law or in equity to such Holder because of a failure by the Borrower to comply with the terms of this Debenture. Notwithstanding the foregoing, if a Holder has not received certificates for all shares of Common Stock prior to the tenth (10th) business day after the expiration of the Deadline with respect to a conversion of any portion of this Debenture for any reason, then (unless the Holder otherwise elects to retain its status as a holder of Common Stock by so notifying the Borrower) the Holder shall regain the rights of a Holder of this Debenture with respect to such unconverted portions of this Debenture and the Borrower shall, as soon as practicable, return such unconverted Debenture to the Holder or, if the Debenture has not been surrendered, adjust its records to reflect that such portion of this Debenture has not been converted.

1.9 Prepayment.

(a) Optional Prepayment. Notwithstanding anything to the contrary contained in this Debenture, at any time during the period beginning on the Issue Date and ending on the Maturity Date, the Borrower shall have the right, exercisable on not less than three (3) Trading Days prior written notice to the Holder of the Debenture to prepay the outstanding Debenture (principal and accrued interest), in full, in accordance with this Section 1.9(a). If there is an Event of Default, then the Borrower shall have the right to prepay the outstanding debenture as long as all Default Interest and any other corresponding fees are paid. Any notice of prepayment hereunder (an "Optional Prepayment Notice") shall be delivered to the Holder of the Debenture at its registered addresses and shall state: (1) that the Borrower is exercising its right to prepay the Debenture, and (2) the date of prepayment which shall be not more than three (3) Trading Days from the date of the Optional Prepayment Notice. On the date fixed for prepayment (the "Optional Prepayment Date"), the Borrower shall make payment of the Optional Prepayment Amount (as defined below) to or upon the order of the Holder as specified by the Holder in writing to the Borrower at least one (1) business day prior to the Optional Prepayment Date. If the Borrower exercises its right to prepay the Debenture, the Borrower shall make payment to the Holder of an amount in cash (the "Optional Prepayment Amount") equal to 120%, multiplied by the sum of: (w) the then outstanding principal amount of this Debenture plus (x) accrued and unpaid interest on the unpaid principal amount of this Debenture to the Optional Prepayment Date plus (y) Default Interest, if any, on the amounts referred to in clauses (w) and (x) plus (z) any amounts owed to the Holder pursuant to Sections 1.3 and 1.4(g) hereof. If the Borrower delivers an Optional Prepayment Notice and fails to pay the Optional Prepayment Amount due to the Holder of the Debenture within two (2) business days following the Optional Prepayment Date, the Borrower shall forever forfeit its right to prepay the Debenture pursuant to this Section 1.9(a).

(b) Mandatory Prepayment. In the event at any time after the date hereof the Borrower closes on a financing transaction(s) in an aggregate amount greater than Two Million Dollars (\$2,000,000), the Borrower shall be required to use a portion of the proceeds to prepay the Optional Prepayment Amount, provided that the Holder may waive this mandatory prepayment obligation.

ARTICLE II. CERTAIN COVENANTS

2.1 Negative Covenants As long as any portion of this Debenture remains outstanding, unless the holders of all of the outstanding Debentures shall have otherwise given prior written consent, the Borrower shall not, and shall not permit any of its subsidiaries (whether or not a subsidiary on the Issue Date) to, directly or indirectly:

(a) other than Permitted Liens (as defined below), enter into, create, incur, assume or suffer to exist any liens, charges or encumbrances ("Liens"), on or with respect to any of its property or assets now owned or hereafter acquired or any interest therein or any income or profits therefrom. "Permitted Liens" mean the individual and collective reference to the following: (a) Liens for taxes, assessments and other governmental charges or levies not yet due or Liens for taxes, assessments and other governmental charges or levies being contested in good faith and by appropriate proceedings for which adequate reserves (in the good faith judgment of the management of the Borrower) have been established in accordance with GAAP; (b) Liens imposed by law which were incurred in the ordinary course of the Borrower's business, such as carriers', warehousemen's and mechanics' Liens, statutory landlords' Liens, and other similar Liens arising in the ordinary course of the Borrower's business, and which (x) do not individually or in the aggregate materially detract from the value of such property or assets or materially impair the use thereof in the operation of the business of the Borrower and its consolidated subsidiaries or (y) are being contested in good faith by appropriate proceedings, which proceedings have the effect of preventing for the foreseeable future the forfeiture or sale of the property or asset subject to such Lien; and (c) liens that are solely secured by accounts receivable, inventory or are purchase money security interests;

(b) amend its charter documents, including, without limitation, its certificate of incorporation and bylaws, in any manner that materially and adversely affects any rights of the Holder;

(c) repay, repurchase or offer to repay, repurchase or otherwise acquire more than a de minimis number of shares of its Common Stock or Common Stock equivalents;

(d) repay, repurchase or offer to repay, repurchase or otherwise acquire any indebtedness, other than the Debentures if on a pro-rata basis, other than regularly scheduled principal and interest payments as such terms are in effect as of the Issue Date, provided that such payments shall not be permitted if, at such time, or after giving effect to such payment, any Event of Default exist or occur;

(e) pay cash dividends or distributions on any equity securities of the Borrower except those provided in Schedule 3.1(i) of the Purchase Agreement;

(f) sell, lease or otherwise dispose of any portion of its assets outside the ordinary course of business, other than de minimis sales. Any consent to the disposition of any assets may be conditioned on a specified use of the proceeds of disposition;

(g) So long as the Borrower shall have any obligation under this Debenture, the Borrower shall not, without the Holder's written consent, lend money, give credit or make advances to any person, firm, joint venture or corporation, including, without limitation, officers, directors, employees, subsidiaries and affiliates of the Borrower, except loans, credits or advances (a) in existence or committed on the date hereof and which the Borrower has informed Holder in writing prior to the date hereof, (b) made in the ordinary course of business or (c) not in excess of \$1,000;

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

ARTICLE III. EVENTS OF DEFAULT

If any of the following events of default (each, an "Event of Default") shall occur if not cured within ten (10) business days following Holder's written notice:

3.1 Failure to Pay Principal or Interest. Any default in the payment of the principal of, interest on or other charges in respect of this Debenture, free of any claim of subordination, as and when the same shall become due and payable whether upon the Maturity Date or by acceleration or otherwise.

3.2 Conversion and the Shares. The Borrower fails to issue shares of Common Stock to the Holder (or announces or threatens in writing that it will not honor its obligation to do so) upon exercise by the Holder of the conversion rights of the Holder in accordance with the terms of this Debenture, fails to transfer or cause its transfer agent to transfer (issue) (electronically or in certificated form) any certificate for shares of Common Stock issued to the Holder upon conversion of or otherwise pursuant to this Debenture as and when required by this Debenture, the Borrower directs its transfer agent not to transfer or delays, impairs, and/or hinders its transfer agent in transferring (or issuing) (electronically or in certificated form) any certificate for shares of Common Stock to be issued to the Holder upon conversion of or otherwise pursuant to this Debenture as and when required by this Debenture, or fails to remove (or directs its transfer agent not to remove or impairs, delays, and/or hinders its transfer agent from removing) any restrictive legend (or to withdraw any stop transfer instructions in respect thereof) on any certificate for any shares of Common Stock issued to the Holder upon conversion of or otherwise pursuant to this Debenture as and when required by this Debenture (or makes any written announcement, statement or threat that it does not intend to honor the obligations described in this paragraph) and any such failure shall continue uncured (or any written announcement, statement or threat not to honor its obligations shall not be rescinded in writing) for three (3) business days after the Holder shall have delivered a Notice of Conversion. It is an obligation of the Borrower to remain current in its obligations to its transfer agent. It shall be an event of default of this Debenture, if a conversion of this Debenture is delayed, hindered or frustrated due to a balance owed by the Borrower to its transfer agent. If at the option of the Holder, the Holder advances any funds to the Borrower's transfer agent in order to process a conversion, such advanced funds shall be paid by the Borrower to the Holder within forty eight (48) hours of a demand from the Holder.

3.3 Breach of Covenants. The Borrower breaches any material covenant or other material term or condition contained in this Debenture and any collateral documents including but not limited to the Purchase Agreement and such breach continues for a period of ten (10) days after written notice thereof to the Borrower from the Holder.

3.4 Breach of Representations and Warranties. Any representation or warranty of the Borrower made herein or in any agreement, statement or certificate given in writing pursuant hereto or in connection herewith (including, without limitation, the Purchase Agreement), shall be false or misleading in any material respect when made and the breach of which has (or with the passage of time will have) a material adverse effect on the rights of the Holder with respect to this Debenture or the Purchase Agreement.

3.5 Bankruptcy, Receiver or Trustee. The Borrower or any subsidiary of the Borrower shall commence, or there shall be commenced against the Borrower or any subsidiary of the Borrower under any applicable bankruptcy or insolvency laws as now or hereafter in effect or any successor thereto, or the Borrower or any subsidiary of the Borrower commences any other proceeding under any reorganization, arrangement, adjustment of debt, relief of debtors, dissolution, insolvency or liquidation or similar law of any jurisdiction whether now or hereafter in effect relating to the Borrower or any subsidiary of the Borrower or there is commenced against the Borrower or any subsidiary of the Borrower any such bankruptcy, insolvency or other proceeding which remains undismissed for a period of 61 days; or the Borrower or any subsidiary of the Borrower is adjudicated insolvent or bankrupt; or any order of relief or other order approving any such case or proceeding is entered; or the Borrower or any subsidiary of the Borrower suffers any appointment of any custodian, private or court appointed receiver or the like for it or any substantial part of its property which continues undischarged or unstayed for a period of sixty one (61) days; or the Borrower or any subsidiary of the Borrower makes a general assignment for the benefit of creditors; or the Borrower or any subsidiary of the Borrower shall fail to pay, or shall state that it is unable to pay, or shall be unable to pay, its debts generally as they become due; or the Borrower or any subsidiary of the Borrower shall call a meeting of its creditors with a view to arranging a composition, adjustment or restructuring of its debts; or the Borrower or any subsidiary of the Borrower shall by any act or failure to act expressly indicate its consent to, approval of or acquiescence in any of the foregoing; or any corporate or other action is taken by the Borrower or any subsidiary of the Borrower for the purpose of effecting any of the foregoing.

3.6 Indebtedness Default. The Borrower or any subsidiary of the Borrower shall default in any of its obligations under any other Debenture or any mortgage, credit agreement or other facility, indenture agreement, factoring agreement or other instrument under which there may be issued, or by which there may be secured or evidenced any indebtedness for borrowed money or money due under any long term leasing or factoring arrangement of the Borrower or any subsidiary of the Borrower in an amount exceeding \$25,000, whether such indebtedness now exists or shall hereafter be created and such default shall result in such indebtedness becoming or being declared due and payable prior to the date on which it would otherwise become due and payable.

3.7 Delisting of Common Stock. The Borrower shall fail to maintain a listing of the Common Stock on the Trading Market.

3.8 Failure to Comply with the Exchange Act. The Borrower shall fail to comply with the reporting requirements of the Exchange Act with regards to the filing of Form 10-Q's and 10-K's; and/or the Borrower shall cease to be subject to the reporting requirements of the Exchange Act.

3.9 Liquidation. Any dissolution, liquidation, or winding up of Borrower or any substantial portion of its business.

3.10 Cessation of Operations. Any cessation of operations by Borrower or Borrower admits it is otherwise generally unable to pay its debts as such debts become due, provided, however, that any disclosure of the Borrower's ability to continue as a "going concern" shall not be an admission that the Borrower cannot pay its debts as they become due.

3.11 Maintenance of Assets. The failure by Borrower to maintain any assets which are necessary to conduct its business (whether now or in the future).

3.12 Financial Statement Restatement. The restatement of any financial statements filed by the Borrower with the SEC for any date or period from two years prior to the Issue Date of this Debenture and until this Debenture is no longer outstanding, if the result of such restatement would, by comparison to the unrestated financial statement, have constituted a material adverse effect on the rights of the Holder with respect to this Debenture or the Purchase Agreement.

3.13 Replacement of Transfer Agent. In the event that the Borrower proposes to replace its transfer agent, the Borrower fails to provide, prior to the effective date of such replacement, a fully executed Irrevocable Transfer Agent Instructions in a form as initially delivered pursuant to the Purchase Agreement (including but not limited to the provision to irrevocably reserve shares of Common Stock in the Reserved Amount) signed by the successor transfer agent to Borrower and the Borrower.

3.14 Cross-Default. Notwithstanding anything to the contrary contained in this Debenture or the other related or companion documents, a breach or default by the Borrower of any covenant or other term or condition contained in any of the Transaction Documents (as defined in the Purchase Agreement), after the passage of all applicable notice and cure or grace periods, shall, at the option of the Holder, be considered a default under this Debenture and the Transaction Documents, in which event the Holder shall be entitled (but in no event required) to apply all rights and remedies of the Holder under the terms of this Debenture and the Transaction Documents by reason of a default under said Other Agreement or hereunder. "Transaction Documents" means, collectively, all agreements and instruments between, among or by: (1) the Borrower, and, or for the benefit of, (2) the Holder and any affiliate of the Holder, including, without limitation, promissory notes; provided, however, the term "Transaction Documents" shall not include the related or companion documents to this Debenture. Each of the loan transactions will be cross-defaulted with each other loan transaction and with all other existing and future debt of Borrower to the Holder.

Upon the occurrence and during the continuation of any Event of Default for a period of ten (10) days, the Debenture shall become immediately due and payable and the Borrower shall pay to the Holder, in full satisfaction of its obligations hereunder, an amount equal to 150% times the sum of (w) the then outstanding principal amount of this Debenture plus (x) accrued and unpaid interest on the unpaid principal amount of this Debenture to the date of payment (the "Mandatory Prepayment Date") plus (y) Default Interest, if any, on the amounts referred to in clauses (w) and/or (x) plus (z) any amounts owed to the Holder pursuant to Sections 1.3 and 1.4(g) hereof (the then outstanding principal amount of this Debenture to the date of payment plus the amounts referred to in clauses (x), (y) and (z) shall collectively be known as the "Default Sum") and all other amounts payable hereunder shall immediately become due and payable, all without demand, presentment or notice, all of which hereby are expressly waived, together with all costs, including, without limitation, legal fees and expenses, of collection, and the Holder shall be entitled to exercise all other rights and remedies available at law or in equity.

If, at any time after the six month anniversary of the Issue Date and there is an Event of Default and if the Borrower fails to pay the Default Sum within five (5) business days of written notice that such amount is due and payable, then the Holder shall have the right at any time, so long as the Borrower remains in default (and so long and to the extent that there are sufficient authorized shares), to require the Borrower, upon written notice, to immediately issue, in lieu of the Default Sum, the number of shares of Common Stock of the Borrower equal to the Default Sum divided by the Conversion Price then in effect.

3.15 Trading Price below \$0.40. If, at any time after the six month anniversary of the Issue Date, the Holder submits a Notice of Conversion and the trading price of the Company's common stock shall be below \$0.54 at such time the Notice of Conversion is submitted, the Conversion Price with respect to such Notice of Conversion shall be adjusted to equal the lesser of (i) \$0.40 per share, or (ii) the Reset Conversion Price (as defined herein) (subject to equitable adjustments for stock splits, stock dividends or rights offerings by the Borrower relating to the Borrower's securities or the securities of any subsidiary of the Borrower, combinations, recapitalization, reclassifications, extraordinary distributions and similar events and issuances of securities at specified lower prices). The "Reset Conversion Price" shall mean seventy-five percent (75%) of the Volume Weighted Average Price ("VWAP") of the Common Stock as quoted by Bloomberg L.P. for the ten (10) trading days immediately preceding the Conversion Date. If the trading price cannot be calculated for such security on such date in the manner provided above, the trading price shall be the fair market value as mutually determined by the Borrower and the holders of a majority in interest of the Debentures being converted for which the calculation of the trading price is required in order to determine the Conversion Price of such Debentures.

The sole remedy for the Event of Default enumerated in this Section 3.15, shall be the adjustment of the Conversion Price. The Holder shall not have any other recourse under the terms of this Debenture for an Event of Default due to this Section 3.15.

3.16 Failure to Transmit Conversion Notice. In the event the Borrower shall receive a notice of conversion or legal opinion from the Holder and shall fail to transmit either of such documents to the Borrower's transfer agent within 24 hours from receipt of the Notice during regular business hours (the "Transmittal Deadline"), Borrower shall pay to Investor the sum of \$1,000 per day or portion thereof for any day after the Transmittal Deadline.

ARTICLE IV. MISCELLANEOUS

4.1 Failure or Indulgence Not Waiver. No failure or delay on the part of the Holder in the exercise of any power, right or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such power, right or privilege preclude other or further exercise thereof or of any other right, power or privileges. All rights and remedies existing hereunder are cumulative to, and not exclusive of, any rights or remedies otherwise available.

4.2 Notices. All notices, demands, requests, consents, approvals, and other communications required or permitted hereunder shall be in writing and, unless otherwise specified herein, shall be (i) personally served, (ii) deposited in the mail, registered or certified, return receipt requested, postage prepaid, (iii) delivered by reputable air courier service with charges prepaid, or (iv) transmitted by hand delivery, telegram, or facsimile, addressed as set forth below or to such other address as such party shall have specified most recently by written notice. Any notice or other communication required or permitted to be given hereunder shall be deemed effective (a) upon hand delivery or delivery by facsimile, with accurate confirmation generated by the transmitting facsimile machine, at the address or number designated below (if delivered on a business day during normal business hours where such notice is to be received), or the first business day following such delivery (if delivered other than on a business day during normal business hours where such notice is to be received) or (b) on the second business day following the date of mailing by express courier service, fully prepaid, addressed to such address, or upon actual receipt of such mailing, whichever shall first occur. The addresses for such communications shall be:

If to the Borrower, to:

Pressure BioSciences, Inc.
14 Norfolk Avenue
South Easton, MA 02375
Attention: Chief Executive Officer
Telephone: (508) 230-1828

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

Anslow & Jaclin, LLP
195 Route 9 South
2nd Floor
Manalapan, NJ 07726
Attention: Gregg E. Jaclin, Esq.
Telephone: (732) 409-1212

If to the Holder:

To its registered address

4.3 Amendments. This Debenture and any provision hereof may only be amended by an instrument in writing signed by the Borrower and the Holder. The term “Debenture” and all reference thereto, as used throughout this instrument, shall mean this instrument (and the other Debentures issued pursuant to the Purchase Agreement) as originally executed, or if later amended or supplemented, then as so amended or supplemented.

4.4 Assignability. This Debenture shall be binding upon the Borrower and its successors and assigns, and shall inure to be the benefit of the Holder and its successors and assigns. Each transferee of this Debenture must be an “accredited investor” (as defined in Rule 501(a) of the 1933 Act). Notwithstanding anything in this Debenture to the contrary, this Debenture may be pledged as collateral in connection with a bona fide margin account or other lending arrangement.

4.5 Cost of Collection. If default is made in the payment of this Debenture, the Borrower shall pay the Holder hereof costs of collection, including reasonable attorneys’ fees.

4.6 Governing Law. This Debenture shall be governed by and construed in accordance with the laws of the State of New York without regard to principles of conflicts of laws. Any action brought by either party against the other concerning the transactions contemplated by this Debenture shall be brought only in the state courts of New York or in the federal courts located in the state and county of Nassau. The parties to this Debenture hereby irrevocably waive any objection to jurisdiction and venue of any action instituted hereunder and shall not assert any defense based on lack of jurisdiction or venue or based upon *forum non conveniens*. The Borrower and Holder waive trial by jury. The prevailing party shall be entitled to recover from the other party its reasonable attorney’s fees and costs. In the event that any provision of this Debenture or any other agreement delivered in connection herewith is invalid or unenforceable under any applicable statute or rule of law, then such provision shall be deemed inoperative to the extent that it may conflict therewith and shall be deemed modified to conform with such statute or rule of law. Any such provision which may prove invalid or unenforceable under any law shall not affect the validity or enforceability of any other provision of any agreement. Each party hereby irrevocably waives personal service of process and consents to process being served in any suit, action or proceeding in connection with this Agreement or any other Transaction Document by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law.

4.7 Certain Amounts. Whenever pursuant to this Debenture the Borrower is required to pay an amount in excess of the outstanding principal amount (or the portion thereof required to be paid at that time) plus accrued and unpaid interest plus Default Interest on such interest, the Borrower and the Holder agree that the actual damages to the Holder from the receipt of cash payment on this Debenture may be difficult to determine and the amount to be so paid by the Borrower represents stipulated damages and not a penalty and is intended to compensate the Holder in part for loss of the opportunity to convert this Debenture and to earn a return from the sale of shares of Common Stock acquired upon conversion of this Debenture at a price in excess of the price paid for such shares pursuant to this Debenture. The Borrower and the Holder hereby agree that such amount of stipulated damages is not plainly disproportionate to the possible loss to the Holder from the receipt of a cash payment without the opportunity to convert this Debenture into shares of Common Stock.

4.8 Purchase Agreement. By its acceptance of this Debenture, each party agrees to be bound by the applicable terms of the Purchase Agreement.

4.9 Notice of Corporate Events. Except as otherwise provided below, the Holder of this Debenture shall have no rights as a Holder of Common Stock unless and only to the extent that it converts this Debenture into Common Stock. The Borrower shall provide the Holder with prior notification of any meeting of the Borrower's shareholders (and copies of proxy materials and other information sent to shareholders). In the event of any taking by the Borrower of a record of its shareholders for the purpose of determining shareholders who are entitled to receive payment of any dividend or other distribution, any right to subscribe for, purchase or otherwise acquire (including by way of merger, consolidation, reclassification or recapitalization) any share of any class or any other securities or property, or to receive any other right, or for the purpose of determining shareholders who are entitled to vote in connection with any proposed sale, lease or conveyance of all or substantially all of the assets of the Borrower or any proposed liquidation, dissolution or winding up of the Borrower, the Borrower shall mail a notice to the Holder, at least twenty (20) days prior to the record date specified therein (or thirty (30) days prior to the consummation of the transaction or event, whichever is earlier), of the date on which any such record is to be taken for the purpose of such dividend, distribution, right or other event, and a brief statement regarding the amount and character of such dividend, distribution, right or other event to the extent known at such time. The Borrower shall make a public announcement of any event requiring notification to the Holder hereunder substantially simultaneously with the notification to the Holder in accordance with the terms of this Section 4.9.

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

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

(Signature Pages Follow)

IN WITNESS WHEREOF, Borrower has caused this Debenture to be signed in its name by its duly authorized officer this June 7, 2013

PRESSURE BIOSCIENCES, INC.

By: _____
Name:
Title:

EXHIBIT A

CONVERSION NOTICE

(To be executed by the Holder in order to Convert the Debenture)

TO:

The undersigned hereby irrevocably elects to convert \$ _____ of the principal amount of Debenture No. _____ into Shares of Common Stock of **PRESSURE BIOSCIENCES, INC.**, according to the conditions stated therein, as of the Conversion Date written below.

Conversion Date: _____
Amount to be converted: \$ _____
Conversion Price: \$ _____
Number of shares of Common Stock to be issued: _____
Amount of Note Unconverted: \$ _____

Please issue the shares of Common Stock in the following name and to the following address:

Issue to:

Authorized Signature: _____
Name: _____
Title: _____
Broker DTC Participant Code: _____
Account Number: _____

SECURITIES PURCHASE AGREEMENT

This Securities Purchase Agreement (this "Agreement") is dated as of June 7, 2013, between Pressure BioSciences, Inc., a Massachusetts corporation (the "Company"), and the purchaser identified on the signature pages hereto (each, including its successors and assigns, the "Purchaser").

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to Section 4(2) of the Securities Act of 1933, as amended (the "Securities Act"), and Rule 506 promulgated thereunder, the Company desires to issue and sell to the Purchaser, and the Purchaser desires to purchase from the Company, securities of the Company as more fully described in this Agreement.

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

**ARTICLE I.
DEFINITIONS**

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

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

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

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

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

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

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

"Closing Date" means the Trading Day when all of the Transaction Documents have been executed and delivered by the applicable parties thereto, and all conditions precedent to (i) the Purchaser's obligations to pay the Subscription Amount and (ii) the Company's obligations to deliver the Securities have been satisfied or waived.

“Closing Statement” means the Closing Statement in the form Annex A attached hereto.

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

“Common Stock” means the common stock of the Company, par value \$.01 per share, and any other class of securities into which such securities may hereafter be reclassified or changed into.

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

“Company” or “PBI” means Pressure BioSciences, Inc.

“Company Counsel” means Anslow & Jaclin, LLP.

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

“Debentures” means the 10% Convertible Debentures due, subject to the terms therein, six months from the Closing Date, issued by the Company to the Purchaser hereunder, in the form of Exhibit A attached hereto.

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

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

“Exempt Issuance” means the issuance of (a) shares of Common Stock or options to employees, officers, directors or consultants of the Company pursuant to any stock or option plan or agreement duly adopted for such purpose by the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose, (b) securities upon the exercise, exchange or conversion of any Securities issued hereunder and/or other securities, options, warrants, convertible securities or other rights to acquire, exercisable or exchangeable for or convertible into, shares of Common Stock, in each case that are issued and outstanding on the date of this Agreement, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise, exchange or conversion price of such securities, (c) securities issued pursuant to acquisitions of companies, assets or intellectual property (or licensing of assets or intellectual property) or strategic transactions approved by a majority of the disinterested directors of the Company, provided that any such issuance shall only be to a Person which is, itself or through its subsidiaries, an operating company or a university of other non-financial institution and in which the Company receives benefits in addition to the investment of funds, (d) securities issued or issuable in exchange for other than cash in connection with any other transaction that is not for the primary purpose of financing the Company’s business, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities. “GAAP” shall have the meaning ascribed to such term in Section 3.1(h).

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

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

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

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

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

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

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

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

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

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

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

“Required Minimum” means, as of any date, the maximum aggregate number of shares of Common Stock then issued or potentially issuable in the future pursuant to the Transaction Documents, including any Underlying Shares issuable upon conversion in full of all Debentures (including Underlying Shares issuable as payment of interest on the Debentures), ignoring any conversion or exercise limits set forth therein.

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

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

“Securities” means the Debentures and the Underlying Shares.

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

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

“SRFF” means Sichenzia Ross Friedman Ference LLP, 61 Broadway, New York, New York 10006.

“Subscription Amount” means the aggregate amount to be paid for Debentures purchased hereunder as specified below the Purchaser’s name on the signature page of this Agreement and next to the heading “Subscription Amount,” in United States dollars and in immediately available funds.

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

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

“Trading Market” means the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the American Stock Exchange, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, the New York Stock Exchange or the OTC Bulletin Board.

“Transaction Documents” means this Agreement, the Debentures, all exhibits and schedules thereto and hereto and any other documents or agreements executed in connection with the transactions contemplated hereunder.

“Transfer Agent” means Computershare Trust Company, Inc., the current transfer agent of the Company with a mailing address of 350 Indiana Street, Suite 800, Golden CO 80401 and a facsimile number of (303) 262-0610 and any successor transfer agent of the Company.

“Underlying Shares” means the shares of Common Stock issued and issuable upon conversion or redemption of the Debentures and issued and issuable in lieu of the cash payment of interest on the Debentures in accordance with the terms of the Debentures.

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

ARTICLE II. PURCHASE AND SALE

2.1 Closing. On the Closing Date, upon the terms and subject to the conditions set forth herein, substantially concurrent with the execution and delivery of this Agreement by the parties hereto, the Company agrees to sell, and the Purchaser agrees to purchase, an aggregate of up to \$500,000 in principal amount of the Debentures. Of such \$500,000, the initial \$250,000 shall be funded on the Closing Date, \$100,000 shall be funded on or before the 30th day immediately following the Closing Date and the final \$150,000 shall be funded on or before the 60th day immediately following the Closing Date (each date a “Closing”). The Purchaser shall deliver to the Company via wire transfer, immediately available funds equal to its Subscription Amount and the Company shall deliver to the Purchaser its Debenture, as determined pursuant to Section 2.2(a), and the Company and the Purchaser shall deliver the other items set forth in Section 2.2 deliverable at the Closing. Upon satisfaction of the conditions set forth in Sections 2.2 and 2.3, the initial Closing shall occur at the offices of SRFF or such other location as the parties shall mutually agree. Notwithstanding anything to the contrary, the Purchaser may assign its obligations hereunder to an affiliate in its sole discretion.

2.1 Deliveries.

- (a) On the Closing Date, the Company shall deliver or cause to be delivered to each Purchaser the following:
 - (i) this Agreement duly executed by the Company;
 - (ii) a legal opinion of Company Counsel, in substantially the form of Exhibit D attached hereto; and
 - (iii) a Debenture with a principal amount equal to the Purchaser’s Subscription Amount, registered in the name of the Purchaser.

- (b) On the Closing Date, each Purchaser shall deliver or cause to be delivered to the Company the following:
 - (i) this Agreement duly executed by the Purchaser; and
 - (ii) such Purchaser's Subscription Amount by wire transfer to the account as specified in writing by the Company. (See Annex A)

2.1 Closing Conditions.

- (a) The obligations of the Company hereunder in connection with the Closing are subject to the following conditions being met:
 - (i) the accuracy in all material respects on the Closing Date of the representations and warranties of the Purchaser contained herein;
 - (ii) all obligations, covenants and agreements of each Purchaser required to be performed at or prior to the Closing Date shall have been performed; and
 - (i) the delivery by each Purchaser of the items set forth in Section 2.2(b) of this Agreement.
- (b) The obligations of the Purchaser hereunder in connection with the Closing are subject to the following conditions being met:
 - (i) the accuracy in all material respects when made and on the Closing Date of the representations and warranties of the Company contained herein;
 - (ii) all obligations, covenants and agreements of the Company required to be performed at or prior to the Closing Date shall have been performed;
 - (iii) the delivery by the Company of the items set forth in Section 2.2(a) of this Agreement; and
 - (iv) there shall have been no Material Adverse Effect with respect to the Company since the date hereof.

**ARTICLE III.
REPRESENTATIONS AND WARRANTIES**

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

(a) Subsidiaries. All of the direct and indirect subsidiaries of the Company are set forth on the applicable exhibits filed with the SEC Reports. The Company owns, directly or indirectly, all of the capital stock or other equity interests of each Subsidiary free and clear of any Liens, and all of the issued and outstanding shares of capital stock of each Subsidiary are validly issued and are fully paid, non-assessable and free of preemptive and similar rights to subscribe for or purchase securities. If the Company has no subsidiaries, all other references to the Subsidiaries or any of them in the Transaction Documents shall be disregarded.

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

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

(d) No Conflicts. The execution, delivery and performance by the Company of the Transaction Documents and the consummation by it to which it is a party of the other transactions contemplated hereby and thereby do not and will not: (i) conflict with or violate any provision of the Company's or any Subsidiary's certificate or articles of incorporation, bylaws or other organizational or charter documents, (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any Lien upon any of the properties or assets of the Company or any Subsidiary, or give to others any rights of termination, amendment, acceleration or cancellation (with or without notice, lapse of time or both) of, any agreement, credit facility, debt or other instrument (evidencing a Company or Subsidiary debt or otherwise) or other understanding to which the Company or any Subsidiary is a party or by which any property or asset of the Company or any Subsidiary is bound or affected, or (iii) subject to the Required Approvals, conflict with or result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company or a Subsidiary is subject (including federal and state securities laws and regulations), or by which any property or asset of the Company or a Subsidiary is bound or affected; except in the case of each of clauses (ii) and (iii), such as could not have or reasonably be expected to result in a Material Adverse Effect.

(e) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority or other Person in connection with the execution, delivery and performance by the Company of the Transaction Documents, other than: (i) the filings required pursuant to Section 4.6, (ii) such consents, waivers, or authorizations as have been obtained before the Closing, (iii) if required, the notice and/or application(s) to each applicable Trading Market for the issuance and sale of the Securities and the listing of the Underlying Shares for trading thereon in the time and manner required thereby and (iv) the filing of Form D with the Commission and such filings as are required to be made under applicable state securities laws (collectively, the "Required Approvals").

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

(g) Capitalization. The capitalization of the Company immediately prior to Closing is, in all material respects, as set forth in the SEC Reports. Except as provided on Schedule 3.1(g), no Person has (i) any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by the Transaction Documents except for such, if any, as will have been validly waived before the Closing and (ii) except pursuant to the operation of agreements filed as exhibits to the SEC Reports before the date of this Agreement, the issuance and sale of the Securities will not obligate the Company to issue shares of Common Stock or other securities to any Person (other than the Purchaser) and will not result in a right of any holder of Company securities to adjust the exercise, conversion, exchange or reset price under any of such securities. All of the outstanding shares of capital stock of the Company are validly issued, fully paid and nonassessable, have been issued in compliance with all federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities. No further approval or authorization of any stockholder, the Board of Directors or others is required for the issuance and sale of the Securities. Except as filed as exhibits to the SEC Reports, there are no stockholders agreements, voting agreements or other similar agreements with respect to the Company's capital stock to which the Company is a party or, to the knowledge of the Company, between or among any of the Company's stockholders.

(h) SEC Reports: Financial Statements. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities Act and the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof, for the two years preceding the date hereof (or such shorter period as the Company was required by law or regulation to file such material) (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the "SEC Reports") on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension, except as set forth on Schedule 3.1(h). As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable, and none of the SEC Reports, when filed, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The financial statements of the Company included in the SEC Reports comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with generally accepted accounting principles ("GAAP"), except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its consolidated Subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments.

(i) Material Changes. Except as provided in Schedule 3.1(i), since the date of the latest financial statements included in the SEC Reports: (i) there has been no event, occurrence or development that has had or that could reasonably be expected to result in a Material Adverse Effect, (ii) the Company has not incurred any liabilities (contingent or otherwise) other than (A) trade payables and accrued expenses incurred in the ordinary course of business consistent with past practice and (B) liabilities not required to be reflected in the Company's financial statements pursuant to GAAP or disclosed in filings made with the Commission, (iii) the Company has not altered its method of accounting, (iv) the Company has not declared or made any dividend or distribution of cash or other property to its stockholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock and (v) the Company has not issued any equity securities to any officer, director or Affiliate, except pursuant to existing Company equity incentive plans. The Company does not have pending before the Commission any request for confidential treatment of information. Except for the issuance of the Securities contemplated by this Agreement, no event, liability or development has occurred or exists with respect to the Company or its Subsidiaries or their respective business, properties, operations or financial condition, that would be required to be disclosed by the Company under applicable securities laws at the time this representation is made or deemed made that has not been publicly disclosed at least one Trading Day prior to the date that this representation is made.

(j) Litigation. There is no action, suit, inquiry, notice of violation, proceeding or investigation pending or, to the knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties before or by any court, arbitrator, governmental or administrative agency or regulatory authority (federal, state, county, local or foreign) (collectively, an "Action") which (i) adversely affects or challenges the legality, validity or enforceability of any of the Transaction Documents or the Securities or (ii) could, if there were an unfavorable decision, have or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor any director or officer thereof, is or has been the subject of any Action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the knowledge of the Company, there is not pending or contemplated, any investigation by the Commission involving the Company or any current or former director or officer of the Company. The Commission has not issued any stop order or other order suspending the effectiveness of any registration statement filed by the Company or any Subsidiary under the Exchange Act or the Securities Act.

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

(l) Compliance. To the Company's knowledge, neither the Company nor any Subsidiary: (i) is in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or any Subsidiary under), nor has the Company or any Subsidiary received notice of a claim that it is in default under or that it is in violation of, any indenture, loan or credit agreement or any other material agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived), (ii) is in violation of any order of any court, arbitrator or governmental body or (iii) is or has been in violation of any statute, rule or regulation of any governmental authority, including without limitation all foreign, federal, state and local laws applicable to its business and all such laws that affect the environment, except in each of the foregoing cases as could not have or reasonably be expected to result in a Material Adverse Effect.

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

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

(o) Patents and Trademarks. To the Company's knowledge (without having conducted any independent investigation): (i) the Company and the Subsidiaries have, or have rights to use, all patents, patent applications, trademarks, trademark applications, service marks, trade names, trade secrets, inventions, copyrights, licenses and other intellectual property rights and similar rights as described in the SEC Reports as necessary or material for use in connection with their respective businesses and which the failure to so have could reasonably be expected to have a Material Adverse Effect (collectively, the "Intellectual Property Rights"); (ii) neither the Company nor any Subsidiary has received a notice (written or otherwise) that any of the Intellectual Property Rights violates or infringes upon the rights of any Person; (iii) all such Intellectual Property Rights are enforceable and there is no existing infringement by another Person of any of the Intellectual Property Rights, except where the failure to be so enforceable or for such infringements as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; and (iv) the Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of all of their intellectual properties, except where failure to do so could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

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

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

(r) Environmental Laws. The Company and its subsidiaries are (i) in compliance with any and all applicable foreign, federal, state and local laws and regulations relating to the protection of human health and safety, the environment or hazardous or toxic substances or wastes, pollutants or contaminants (“Environmental Laws”), (ii) have received all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses and (iii) are in compliance with all terms and conditions of any such permit, license or approval, except in each of the above cases where noncompliance could not be reasonably expected to have a Material Adverse Effect.

(s) Sarbanes-Oxley; Internal Accounting Controls. Except as set forth in the SEC Reports, the Company is in material compliance with all provisions of the Sarbanes-Oxley Act of 2002 which are applicable to it as of the Closing Date. The Company and the Subsidiaries maintain a system of internal accounting controls sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management's general or specific authorizations, (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability, (iii) access to assets is permitted only in accordance with management's general or specific authorization, and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. The Company has established disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the Company and designed such disclosure controls and procedures to ensure that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms. The Company's certifying officers have evaluated the effectiveness of the Company's disclosure controls and procedures as of the end of the period covered by the Company's most recently filed periodic report under the Exchange Act (such date, the "Evaluation Date"). The Company presented in its most recently filed periodic report under the Exchange Act the conclusions of the certifying officers about the effectiveness of the disclosure controls and procedures based on their evaluations as of the Evaluation Date. Since the Evaluation Date, there have been no changes in the Company's internal control over financial reporting (as such term is defined in the Exchange Act) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

(t) Certain Fees. Except as disclosed on Schedule 3.1(t), no brokerage or finder's fees or commissions are or will be payable by the Company to any broker, financial advisor or consultant, finder, placement agent, investment banker, bank or other Person with respect to the transactions contemplated by the Transaction Documents, other than fees payable to Chardan Capital Markets, LLC. The Purchaser shall have no obligation with respect to any fees or with respect to any claims made by or on behalf of other Persons for fees of a type contemplated in this Section that may be due in connection with the transactions contemplated by the Transaction Documents.

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

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

(w) Registration Rights. Except as disclosed in the SEC Reports, no Person has any right to cause the Company to effect the registration under the Securities Act of any securities of the Company.

(x) Listing and Maintenance Requirements. The Common Stock is registered pursuant to Section 12(b) or 12(g) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act nor has the Company received any notification that the Commission is contemplating terminating such registration. The Company has not, in the 12 months preceding the date hereof, received notice from any Trading Market on which the Common Stock is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market. The Company is, and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements.

(y) Application of Takeover Protections. The Company and the Board of Directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Company's certificate of incorporation (or similar charter documents) or the laws of its state of incorporation that is or could become applicable to the Purchaser as a result of the Purchaser and the Company fulfilling their obligations or exercising their rights under the Transaction Documents, including without limitation as a result of the Company's issuance of the Securities and the Purchaser's ownership of the Securities.

(z) Disclosure. Except with respect to (i) the material terms and conditions of the transactions contemplated by the Transaction Documents and (ii) information given to the Investor, if any, which the Company hereby confirms will not constitute material non-public information six months from the date hereof, the Company confirms that neither it nor any other Person acting on its behalf has provided the Purchaser or their agents or counsel with any information that it believes constitutes or might constitute material, nonpublic information. The Company understands and confirms that the Purchaser will rely on the foregoing representation in effecting transactions in securities of the Company. All disclosure furnished in writing by or on behalf of the Company to the Purchaser regarding the Company, its business and the transactions contemplated hereby, including the Disclosure Schedules to this Agreement, is true and correct and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in light of the circumstances under which they were made, not misleading. The press releases disseminated by the Company during the twelve months preceding the date of this Agreement taken as a whole do not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in light of the circumstances under which they were made and when made, not misleading. The Company acknowledges and agrees that the Purchaser has not made any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 3.2 hereof.

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

(bb) Solvency. Based on the consolidated financial condition of the Company as of the Closing Date after giving effect to the receipt by the Company of the proceeds from the sale of the Securities hereunder: (i) the fair saleable value of the Company's assets exceeds the amount that will be required to be paid on or in respect of the Company's existing debts and other liabilities (including known contingent liabilities) as they mature, (ii) the Company's assets do not constitute unreasonably small capital to carry on its business as now conducted and as proposed to be conducted including its capital needs taking into account the particular capital requirements of the business conducted by the Company, and projected capital requirements and capital availability thereof, and (iii) the current cash flow of the Company, together with the proceeds the Company would receive, were it to liquidate all of its assets, after taking into account all anticipated uses of the cash, would be sufficient to pay all amounts on or in respect of its liabilities when such amounts are required to be paid. The Company does not intend after the Closing Date to incur debts beyond its ability to pay such debts as they mature (taking into account the timing and amounts of cash to be payable on or in respect of its debt). The Company has no knowledge of any facts or circumstances which lead it to believe that it will file for reorganization or liquidation under the bankruptcy or reorganization laws of any jurisdiction within one year from the Closing Date.

(cc) Tax Status. Except for matters that would not, individually or in the aggregate, have or reasonably be expected to result in a Material Adverse Effect, the Company and each Subsidiary has filed all necessary federal, state and foreign income and franchise tax returns and has paid or accrued all taxes shown as due thereon, and the Company has no knowledge of a tax deficiency which has been asserted or threatened against the Company or any Subsidiary.

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

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

(ff) No Disagreements with Accountants and Lawyers; Outstanding SEC Comments. There are no disagreements of any kind presently existing, or reasonably anticipated by the Company to arise, between the Company and the accountants and lawyers formerly or presently employed by the Company and the Company is or immediately after the Closing Date will be current with respect to any fees owed to its accountants which could affect the Company's ability to perform any of its obligations under any of the Transaction Documents. There are no unresolved comments or inquiries received by the Company or its Affiliates from the Commission which remain unresolved as of the date hereof. The audit report issued by our independent registered public accounting firm for our financial statements for the fiscal year ended December 31, 2012 states that our auditing firm has substantial doubt in our ability to continue as a going concern due to the risk that we may not have sufficient cash and liquid assets at December 31, 2012 to cover our operating and capital requirements for the next twelve-month period.

(gg) Acknowledgment Regarding Purchaser's Purchase of Securities. The Company acknowledges and agrees that the Purchaser is acting solely in the capacity of an arm's length purchaser with respect to the Transaction Documents and the transactions contemplated thereby. The Company further acknowledges that no Purchaser is acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to the Transaction Documents and the transactions contemplated thereby and any advice given by the Purchaser or any of their respective representatives or agents in connection with the Transaction Documents and the transactions contemplated thereby is merely incidental to the Purchaser's purchase of the Securities. The Company further represents to the Purchaser that the Company's decision to enter into this Agreement and the other Transaction Documents has been based solely on the independent evaluation of the transactions contemplated hereby by the Company and its representatives.

3.2 Representations and Warranties of the Purchaser. The Purchaser hereby represents and warrants as of the date hereof and as of the Closing Date to the Company as follows:

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

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

(c) Purchaser Status. At the time the Purchaser was offered the Securities, it was, and as of the date hereof it is, and on each date on which it converts any Debentures it will be either: (i) an “accredited investor” as defined in Rule 501(a)(1), (a)(2), (a)(3), (a)(7) or (a)(8) under the Securities Act or (ii) a “qualified institutional buyer” as defined in Rule 144A(a) under the Securities Act. The Purchaser is not required to be registered as a broker-dealer under Section 15 of the Exchange Act.

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

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

ARTICLE IV.
OTHER AGREEMENTS OF THE PARTIES

4.1 Transfer Restrictions.

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

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

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

The Company acknowledges and agrees that the Purchaser may from time to time pledge pursuant to a bona fide margin agreement with a registered broker-dealer or grant a security interest in some or all of the Securities to a financial institution that is an "accredited investor" as defined in Rule 501(a) under the Securities Act and who agrees in writing with the Company to be bound by the provisions of this Agreement and, if required under the terms of such arrangement and subject to compliance with applicable federal and state securities laws, the Purchaser may transfer pledged or secured Securities to the pledgees or secured parties. Absent special circumstances, such a pledge or transfer would not be subject to approval of the Company and no legal opinion of legal counsel of the pledgee, secured party or pledgor shall be required in connection therewith. Further, no notice shall be required of such pledge. At the Purchaser's expense, the Company will execute and deliver such reasonable documentation as a pledgee or secured party of Securities may reasonably request in connection with a pledge or transfer of the Securities.

(c) Certificates evidencing the Underlying Shares (or, if Underlying Shares are issued in uncertificated form, comparable share notices) shall not contain any legend (including the legend set forth in Section 4.1(b) hereof): (i) while a registration statement covering the resale of such security is effective under the Securities Act, or (ii) following any sale of such Underlying Shares pursuant to Rule 144, or (iii) if such Underlying Shares are eligible for sale under Rule 144, without the requirement for the Company to be in compliance with the current public information required under Rule 144 as to such Underlying Shares and without volume or manner-of-sale restrictions or (iv) if such legend is not otherwise required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the Commission), as reasonably determined by the Company. Upon the Purchaser's request in connection with a proposed sale of Underlying Shares pursuant to Rule 144 and if the Company reasonably determines it is so required, upon receipt of customary documentation from Purchaser's broker (if the Underlying Shares are sold in brokers transactions), the Company shall, at its own cost and effort, retain legal counsel to provide an opinion letter to the Company's transfer agent opining that the Underlying Shares may be resold without registration under the Securities Act, pursuant to Rule 144, promulgated thereunder, so long as the requirements of Rule 144 are met for any Underlying Shares to be resold thereunder. The Company shall arrange for any such opinion letter to be provided not later than two (2) business days after the date of delivery to and receipt by the Company of a written request by the Purchaser together with (if required in order to render the opinion) any broker's representation letter of other customary documentation reasonably requested by the Company evidencing compliance with Rule 144 (the "Legend Removal Date").

(d) In addition to the Purchaser's other available remedies, the Company shall pay to the Purchaser, in cash, as partial liquidated damages and not as a penalty, for each \$1,000 of Underlying Shares (based on the VWAP of the Common Stock on the date such Securities are submitted to the Transfer Agent) delivered for removal of the restrictive legend and subject to Section 4.1(c), \$10 per Trading Day (increasing to \$20 per Trading Day 5 Trading Days after such damages have begun to accrue) for each Trading Day after the Legend Removal Date until such certificate (or, if the Underlying Shares are in uncertificated form, a comparable notice of share ownership) is delivered without a legend. Nothing herein shall limit the Purchaser's right to pursue actual damages for the Company's failure to deliver certificates representing any Securities as required by the Transaction Documents, and the Purchaser shall have the right to pursue all remedies available to it at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief.

(e) The Purchaser agrees that the Purchaser will sell any Securities only pursuant to either an exemption from registration or a registration statement under the Securities Act, including any applicable prospectus delivery requirements, and that if Securities are sold pursuant to a registration statement, they will be sold in compliance with the plan of distribution set forth therein, and acknowledges that the removal of the restrictive legend from certificates representing Securities as set forth in this Section 4.1 is predicated upon the Company's reliance upon this understanding.

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

4.3 Furnishing of Information. Until the earliest of the time that the Purchaser owns no Securities, the Company covenants maintain the registration of the Common Stock under Section 12(b) or 12(g) of the Exchange Act and to use all commercially reasonable efforts to timely file (or obtain extensions in respect thereof and file within the applicable grace period) all reports required to be filed by the Company after the date hereof pursuant to the Exchange Act. As long as the Purchaser owns Securities, if the Company is not required to file reports pursuant to the Exchange Act, it will prepare and furnish to the Purchaser and make publicly available in accordance with Rule 144(c) such information as is required for the Purchaser to sell the Securities under Rule 144. The Company further covenants that it will use all commercially reasonable efforts to take such further action as any holder of Securities may reasonably request, to the extent required from time to time to enable such Person to sell such Securities without registration under the Securities Act within the requirements of the exemption provided by Rule 144.

4.4 Integration. The Company shall not sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the Securities Act) that would be integrated with the offer or sale of the Securities to the Purchaser in a manner that would require the registration under the Securities Act of the sale of the Securities to the Purchaser.

4.5 Conversion and Exercise Procedures. The form of Notice of Conversion included in the Debentures sets forth the totality of the procedures required of the Purchaser in order to convert the Debentures. No additional legal opinion, other information or instructions shall be required of the Purchaser to convert their Debentures. The Company shall honor conversions of the Debentures and shall deliver Underlying Shares in accordance with the terms, conditions and time periods set forth in the Transaction Documents.

4.6 Securities Laws Disclosure; Publicity. The Company shall, by 8:30 a.m. (New York City time) on the Trading Day immediately following the date hereof, issue a Current Report on Form 8-K disclosing the material terms of the transactions contemplated hereby and including the Transaction Documents as exhibits thereto. The Company and the Purchaser shall consult with each other in issuing any other press releases with respect to the transactions contemplated hereby, and neither the Company nor the Purchaser shall issue any such press release nor otherwise make any such public statement (other than in the Company's SEC Reports after the Closing Date or exhibits filed therewith) without the prior consent of the Company, with respect to any press release of the Purchaser, or without the prior consent of the Purchaser, with respect to any press release of the Company, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party shall promptly provide the other party with prior notice of such public statement or communication. Notwithstanding the foregoing, other than in connection with the Company's SEC Reports or disclosures to any regulatory agency or Trading Market that the Company determines are necessary or appropriate, the Company shall not publicly disclose the name of the Purchaser, or include the name of the Purchaser, in any press release or similar public statement, without the prior written consent of the Purchaser.

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

4.8 Non-Public Information. Except with respect to the material terms and conditions of the transactions contemplated by the Transaction Documents, the Company covenants and agrees that after the Closing Date neither it, nor any other Person acting on its behalf, will provide the Purchaser or its agents or counsel with any information that the Company believes constitutes material non-public information, unless prior thereto the Purchaser shall have executed a written agreement regarding the confidentiality and use of such information. The Company understands and confirms that the Purchaser shall be relying on the foregoing covenant in effecting transactions in securities of the Company. Purchaser acknowledges that it is aware that the United States securities laws prohibit any person who has material non-public information about a company from purchasing or selling securities of such company, or from communicating such information to any other person under circumstances in which it is reasonably foreseeable that such person is likely to purchase or sell such securities, and Purchaser agrees not to engage in any unlawful trading in securities of the Company or unlawful misuse or misappropriation of any such information. Purchaser agrees to maintain the confidentiality of and not disclose or use (except for purposes relating to the transactions contemplated by this Agreement) any confidential, proprietary or non-public information disclosed by the Company to Purchaser.

4.9 Use of Proceeds. The Company shall use the net proceeds from the sale of the Securities hereunder for working capital purposes and shall not use such proceeds for: (a) the satisfaction of any portion of the Company’s debt (other than payment of trade payables in the ordinary course of the Company’s business and prior practices), (b) the redemption of any Common Stock or Common Stock Equivalents or (c) the settlement of any outstanding litigation.

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

4.11 Reservation and Listing of Securities.

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

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

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

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

4.13 Corporate Existence. So long as any of the Debentures remain outstanding, the Company shall not directly or indirectly consummate any merger, reorganization, restructuring, consolidation, sale of all or substantially all of the Company’s assets or any similar transaction or related transactions (each such transaction, an “Organizational Change”) unless, prior to the consummation an Organizational Change, the Company obtains the written consent of the Purchaser, which consent shall not be unreasonably withheld. In any such case, the Company will make appropriate provision with respect to such holders’ rights and interests to insure that the provisions of this Section 4.13 will thereafter be applicable to the Debentures.

4.14 Transfer Agent. The Company covenants and agrees that it will at all times while the Debentures remain outstanding maintain a duly qualified independent transfer agent.

4.15 Right of First Refusal. While the Purchaser holds any Debentures, if the Company proposes to offer and sell any New Securities (as defined below) subsequent to the date of this Agreement in a transaction primarily for purposes of financing the operations or business of the Company and its Subsidiaries, the Company shall provide to the Purchaser who holds any Debenture written notice (the “Offering Notice”) stating the number of New Securities proposed to be offered and sold, the total purchase price, the terms of payment, and any other material terms of the offer (to the extent then known). For a period of three (3) business days after its receipt of the Offering Notice, such Purchaser may, by written notice delivered to the Company within such time period, accept such offer and elect to purchase all or any portion of such New Securities on the terms set forth in the Offering Notice and similar terms as other investors that purchase New Securities in such offering. If the Purchaser so elects to participate, the Purchaser shall execute and deliver the same agreements and instruments as other purchasers of the New Securities. For purposes of this Section, “New Securities” shall mean any equity or convertible debt securities of the Company issued in a transaction primarily for purposes of financing the operations or business of the Company and its Subsidiaries, provided, however, that “New Securities” shall not include any securities issued in Exempt Issuances.

4.16 No Short Selling. The Purchaser has and shall not, directly or indirectly, his, her or itself, through related parties, affiliates or otherwise, (i) sell “short” or “short against the box” (as those terms are generally understood) any equity security of the Company or (ii) otherwise engage in any transaction that involves hedging of the Purchaser’s position in any equity security of the Company, until the later of (i) the date the Debenture owned by the Purchaser is no longer owned by the Purchaser, or (ii) the Maturity Date (as such term is defined in the Debenture) and the Conversion Date.

**ARTICLE V.
MISCELLANEOUS**

5.1 Termination. This Agreement may be terminated by the Purchaser, as to the Purchaser’s obligations hereunder only and without any effect whatsoever on the obligations between the Company and the Purchaser, by written notice to the other parties, if the Closing has not been consummated on or before May 2, 2013; provided, however, that such termination will not affect the right of any party to sue for any breach by the other party (or parties).

5.2 Fees and Expenses. At the Closing, the Company has agreed to reimburse the Purchaser the non-accountable sum of \$7,000 for legal fees. Except as expressly set forth in the Transaction Documents to the contrary, each party shall pay the fees and expenses of its advisers, counsel, accountants and other experts, if any, and all other expenses incurred by such party incident to the negotiation, preparation, execution, delivery and performance of this Agreement. The Company shall pay all transfer agent fees, stamp taxes and other taxes and duties levied in connection with the delivery of any Securities to the Purchaser.

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

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

5.5 Amendments; Waivers. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and the Purchaser or, in the case of a waiver, by the party against whom enforcement of any such waived provision is sought. No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of any party to exercise any right hereunder in any manner impair the exercise of any such right.

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

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

5.8 No Third-Party Beneficiaries. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person, except as otherwise set forth in Section 4.10.

5.9 Governing Law. All questions concerning the construction, validity, enforcement and interpretation of the Transaction Documents shall be governed by and construed and enforced in accordance with the internal laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party agrees that all legal proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement and any other Transaction Documents (whether brought against a party hereto or its respective affiliates, directors, officers, shareholders, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in the City of New York, borough of Manhattan for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of any of the Transaction Documents), and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is improper or is an inconvenient venue for such proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any other manner permitted by law. If either party shall commence an action or proceeding to enforce any provisions of the Transaction Documents, then the prevailing party in such action or proceeding shall be reimbursed by the other party for its reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding.

5.10 Survival. The representations and warranties shall survive the Closing and the delivery of the Debentures until, with respect to the Purchaser, the Debenture held by the Purchaser has been paid in full or converted into Underlying Shares, at which time they shall expire such respect to Purchaser and shall no longer be of any force or effect.

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

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

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

5.14 Replacement of Securities. If any certificate or instrument evidencing any Securities is mutilated, lost, stolen or destroyed, the Company shall issue or cause to be issued in exchange and substitution for and upon cancellation thereof (in the case of mutilation), or in lieu of and substitution therefor, a new certificate or instrument, but only upon receipt of evidence reasonably satisfactory to the Company of such loss, theft or destruction. The applicant for a new certificate or instrument under such circumstances shall also pay any reasonable third-party costs (including customary indemnity) associated with the issuance of such replacement Securities.

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

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

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

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

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

5.20 Construction. The parties agree that each of them and/or their respective counsel has reviewed and had an opportunity to revise the Transaction Documents and, therefore, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of the Transaction Documents or any amendments hereto.

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

(Signature Pages Follow)

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

PRESSURE BIOSCIENCES, INC.

Address for Notice:
14 Norfolk Avenue
South Easton, MA 02375

By: _____

Fax:

Name:

Title:

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

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

[PURCHASER SIGNATURE PAGES TO PRESSURE BIOSCIENCES SECURITIES PURCHASE AGREEMENT]

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

Name of Purchaser: _____

Signature of Authorized Signatory of Purchaser: _____

Name of Authorized Signatory: _____

Title of Authorized Signatory: _____

Email Address of Authorized Signatory: _____

Facsimile Number of Authorized Signatory: _____

Address for Notice of Purchaser:

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

Subscription Amount: _____

EIN Number: **[PROVIDE THIS UNDER SEPARATE COVER]**

[SIGNATURE PAGES CONTINUE]

CLOSING STATEMENT

Pursuant to the attached Securities Purchase Agreement, dated as of the date hereto, the purchaser shall purchase an aggregate of \$500,000 of Debentures from Pressure BioSciences, Inc., a Massachusetts corporation (the "Company"). All funds will be wired into an account maintained by the Company. All funds will be disbursed in accordance with this Closing Statement.

Disbursement Date: June 7, 2013

I. PURCHASE PRICE

Gross Proceeds to be Received	\$ 500,000.00
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II. DISBURSEMENTS

a) June 6, 2013	\$ 250,000.00
b) June 30, 2013	\$ 100,000.00
c) July 29, 2013	\$ 150,000.00

Total Amount Disbursed:	\$ _____
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WIRE INSTRUCTIONS:

BENEFICIARY: Pressure BioSciences, Inc.
14 Norfolk Avenue
South Easton, MA 02375

BENEFICIARY BANK: Silicon Valley Bank
BENEFICIARY BANK ADDRESS: 3003 Talisman Drive
Santa Clara, CA 95054

ACCOUNT NUMBER: 3300615411
ROUTING, TRANSIT, ABA: 121140399

SCHEDULE 3.1(a)
SUBSIDIARIES

SCHEDULE 3.1(g)

SCHEDULE 3.1(t)
PLACEMENT AGENT COMPENSATION

Chardan Capital Markets, LLC, a licensed broker-dealer with FINRA, has been engaged on a best efforts, exclusive (subject to certain exceptions) basis. Chardan will be paid a cash commission of ten percent (10%) of funds raised and received by the Company pursuant to this Agreement.