
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

**Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): May 16, 2011

Marshall Edwards, Inc.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

000-50484
(Commission
File Number)

51-0407811
(I.R.S. Employer
Identification No.)

11975 El Camino Real, Suite 101, San Diego, California 92130
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (858) 792-6300

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.

Entry into Amended and Restated Securities Purchase Agreement

On May 16, 2011, Marshall Edwards, Inc. (the “Company”) entered into an Amended and Restated Securities Purchase Agreement (the “Amended Purchase Agreement”) with certain accredited investors (the “Purchasers”) which amends and restates in its entirety the Securities Purchase Agreement (the “Original Purchase Agreement”), dated May 2, 2011, between the Company and the Purchasers. As described more fully below, the Amended Purchase Agreement eliminates the series C warrants provided for in the Original Purchase Agreement and provides for the issuance of additional shares (the “Adjustment Shares”) of the Company’s common stock, par value \$0.0000002 per share (the “Common Stock”), and cash payments to the Purchasers to the extent the trading price of the Common Stock is below certain levels on the Adjustment Dates (as defined below).

Pursuant to the Amended Purchase Agreement, the Company has agreed to issue and sell to the Purchasers: (i) 835,217 shares (the “Common Shares”) of Common Stock, at a purchase price of \$1.333 per share; (ii) series A warrants (the “Series A Warrants”) which will initially represent the right to purchase up to 626,413 shares of Common Stock; and (iii) series B warrants (the “Series B Warrants”, and collectively with the Series A Warrants, the “Warrants”) which will initially represent the right to purchase up to 2,165,534 shares of Common Stock. In addition, subject to the receipt of Stockholder Approval (as defined below), the Company has agreed to issue to the Purchasers Adjustment Shares to the extent the applicable price of the Common Stock is below \$1.333 per share, but greater than or equal to \$0.75 per share, on certain dates (“Adjustment Dates”) during the one year period ending on the first anniversary of the date of the closing of the offering, including as a result of a subsequent offering by the Company of its securities at a price below the purchase price of the Common Shares. The number of Adjustment Shares issuable will initially be limited to 649,242, subject to proportionate increases to the extent the Series B Warrants have been exercised prior to the applicable Adjustment Date, up to a maximum of 2,332,583 shares. If the applicable price based on the trading price of the Company’s common stock is below \$0.75 per share on any Adjustment Date, the Company will, in addition to issuing the applicable number of Adjustment Shares, refund to the Purchasers an amount in cash per share of Common Stock purchased by the Purchasers in the transaction based on the difference between \$0.75 and the price of the Common Stock on such Adjustment Date.

Upon the closing of the offering, the Company has also agreed to issue to Roth Capital Partners, as placement agent, warrants for the purchase of an amount of Common Stock equal to 7% of the Common Shares, which warrants will be exercisable on the same terms, including as to the increase in the number of shares of Common Stock issuable upon exercise, as the Series A Warrants, as well as to pay a cash fee equal to 7% of the gross proceeds of the offering.

The Common Shares, the Warrants and the Adjustment Shares are being offered and sold in a private placement transaction exempt from registration under the Securities Act of 1933, as amended (the “Securities Act”) in reliance upon Section 4(2) under the Securities Act and Regulation D promulgated thereunder. Each of the investors represented to the Company that it is an “accredited investor” as defined in Rule 501 of Regulation D.

Also on May 16, 2011, the Company entered into an Amended and Restated Registration Rights Agreement (“Amended RRA”) with the Purchasers pursuant to which the Company has agreed to file, within 30 days of the closing of the offering (the “Filing Deadline”), a registration statement (“Registration Statement”) with the Securities and Exchange Commission registering the Common Shares and the Common Stock issuable upon exercise of the Warrants for resale. In the event the Company (i) does not file the Registration Statement on or before the Filing Deadline, (ii) the Registration Statement is

not declared effective on or before the associated effectiveness deadline, or (iii) the Company fails to maintain the effectiveness of the Registration Statement, other than during certain permitted grace periods, the Company will be required to pay liquidated damages on a monthly basis in an amount equal to 2% of the aggregate purchase price paid by the Purchasers for any unregistered securities then held by the Purchasers. To the extent the Company is not able to register all of the Common Shares and shares of Common Stock issuable upon exercise of the Warrants on the initial registration statement, the Company must file additional registration statements until all of such securities may be sold either pursuant to an effective registration statement or in accordance with Rule 144 of the Securities Act without restrictions or limitations, including the requirement to be in compliance with Rule 144(c)(1).

Conditions to Closing; Stockholder Approval

Consummation of the transactions contemplated by the Amended Purchase Agreement (collectively, the "Transaction") is subject to certain conditions, including the execution and delivery of the Amended and Restated Voting Agreement ("Amended Voting Agreement"), dated May 16, 2011, between the Company and Novogen Limited ("Novogen"), in its capacity as majority stockholder of the Company. On May 16, 2011, immediately after the execution of the Amended Purchase Agreement, pursuant to the terms of the Amended Voting Agreement, Novogen executed a written consent approving the Transaction, which approval will become effective 20 days after the Company has mailed a definitive information statement to its stockholders (the "Stockholder Approval"). Upon issuance of the Common Shares, Novogen's ownership of the Company's outstanding Common Stock will be reduced from approximately 65.1% to approximately 59.0%, subject to further reduction in the event any of the Warrants are exercised or any Adjustment Shares are issued. Novogen also owns 1,000 shares of the Company's series A convertible preferred stock, par value \$0.01, each share of which is convertible at any time and from time to time and without the payment of additional consideration into 4,827 shares of Common Stock. In addition, if a Phase II clinical trial involving the Company's isoflavone technology has achieved a statistically significant result ($p=0.05$ or less) or a first patient is enrolled in a Phase III clinical trial involving the Company's isoflavone technology, then any share of the series A convertible preferred stock not already converted may thereafter be converted into 9,654 shares of Common Stock.

Terms of Warrants

The Series A Warrants will be exercisable any time on or after the six month anniversary of the closing of the offering at an initial exercise price of \$1.57 per share, subject to adjustment as provided in the Series A Warrants. However, unless and until such time as the Company obtains the Stockholder Approval, the exercise price for the Series A Warrants shall not be less than \$1.57 per share. The number of shares of Common Stock issuable upon exercise of the Series A Warrants will be increased by an amount equal to 75% of the number of shares of Common Stock issued upon each exercise of the Series B Warrants. The Series A Warrants will expire on the fifth anniversary of the date on which the Series A Warrants first become exercisable.

The Series B Warrants will be exercisable by the holders at any time on or after the first date on which all of the following conditions are satisfied (or, in the case of clause (ii) or (iii), waived by the holder): (i) the Stockholder Approval has been obtained, (ii) all of the shares of Common Stock issuable upon exercise of the Series B Warrants are able to be resold without restriction or limitation pursuant to an effective registration statement and (iii) all of the Common Shares, the shares of Common Stock issuable upon exercise of the Warrants and the Adjustment Shares are able to be resold without restriction or limitation pursuant to an effective registration statement or Rule 144 under the Securities Act. The initial exercise price per share of the Series B Warrants is equal to the lower of (i) \$1.333, and (ii) 85% of the arithmetic average of the lowest eight weighted average prices of the Common Stock during the 20 consecutive trading day period (a) in the case of a voluntary exercise by the holders, ending on the trading day immediately preceding the

date of delivery of a notice of exercise, and (b) in the case of the required exercise discussed below, immediately following the fifth trading day following the date of delivery of a notice of such required exercise. The Company may require the holders to exercise their Series B Warrants in the event of satisfaction of the conditions set forth in the first sentence of this paragraph, as well as certain other equity conditions, including certain minimum trading volume requirements. The Series B Warrants will expire on the first anniversary of the closing of the offering.

The Series A Warrants and the Series B Warrants are subject to certain anti-dilution adjustments, including, upon the sale or deemed sale by the Company after the date of the Amended Purchase Agreement of any shares of Common Stock at a price per share below the exercise price of the Series A Warrants or the Series B Warrants, the reduction of the exercise price of the applicable series of warrants to an amount equal to such lower price. In addition, if at any time after the date of the Amended Purchase Agreement the Company subdivides or combines any of its outstanding shares of Common Stock into a greater or lesser number of shares, the exercise price and the number of shares of Common Stock issuable upon exercise of each series of Warrants will be proportionately increased or decreased, as applicable. Each series of Warrants also contains a provision which limits each holder's beneficial ownership to a maximum of 9.99% of the shares of Common Stock outstanding immediately after giving effect to any exercise of such Warrants.

Conditions to Issuance of Adjustment Shares

The initial Adjustment Date for the issuance of Adjustment Shares will be the date that is the 26th trading day after the earliest of (1) the date that all Registrable Securities (as defined in the Amended RRA) and the Adjustment Shares have been registered pursuant to an effective registration statement that is available for the resale of all such Registrable Securities and Adjustment Shares, (2) the date that the holder can sell all of the Adjustment Shares pursuant to Rule 144 without any restrictions or limitations and (3) the six-month anniversary of the date of the closing of the offering. However, in the event the Stockholder Approval has not been obtained by the earliest of such dates, in lieu of delivering the Adjustment Shares, the Company will pay to each holder an amount in cash equal to the number of Adjustment Shares otherwise deliverable upon such date multiplied by the weighted average price of the Common Stock on such Adjustment Date. If, following the initial Adjustment Date, the Company fails to maintain the effectiveness of any such registration statement or the public information required by Rule 144 during a period of 60 days after the prior Adjustment Date, there may be either one or two additional Adjustment Dates, the last of which would be the one year anniversary of the closing of the offering. In addition, Adjustment Shares will be issuable, subject to limitations on the number of Adjustment Shares described above, upon the occurrence of an Allowed Subsequent Placement (as defined below).

Lock-up Agreements; Restrictions on Additional Offerings

In connection with the Amended Purchase Agreement, Novogen and each of the officers and directors of the Company have entered into amended and restated lock-up agreements (the "Amended Lock-up Agreements") pursuant to which such person has agreed not to sell, transfer or otherwise dispose of any shares of Common Stock or securities convertible or exchangeable for shares of Common Stock owned by such person until, in the case of Novogen, December 24, 2011, and, in the case of the officers and directors of the Company, until the earlier of (i) 90 days after the date on which all of the securities required to be registered pursuant to the Amended RRA, as well as the Adjustment Shares, have either been registered pursuant to an effective registration statement or can be sold pursuant to Rule 144 without any restrictions or limitations, and (ii) the date that is thirteen months after the date of the closing of the offering.

The Company has also agreed generally not to make any further offers or sales of any of its equity securities until the earlier of (i) 90 days after the date on which all of the securities required to be registered pursuant to the Amended RRA have been so registered and (ii) the date that is thirteen months after the date of the closing of the offering. However, certain offers and sales are excluded from the foregoing restriction, including the offer and sale of a specified amount of additional Common Stock and warrants to purchase Common Stock (an “Allowed Subsequent Placement”) during the period beginning on the later of (a) 120 days after the closing of the offering, and (b) the earlier of the date on which the Common Shares have been registered pursuant to an effective registration statement or can be sold pursuant to Rule 144 without any restrictions or limitations.

The foregoing description of the Amended Purchase Agreement, the Amended RRA, the Amended Voting Agreement, the Amended Lock-up Agreements and the Warrants does not purport to be complete and is qualified in its entirety by reference to the full text of those documents or the forms thereof that are included as Exhibits 10.1, 10.2, 10.3, 10.4, 10.5 and 10.6 hereto, respectively, and incorporated herein by reference.

This description does not constitute an offer to sell or the solicitation of an offer to buy any securities. The Common Shares, the Warrants, the shares of Common Stock issuable upon exercise of the Warrants and the Adjustment Shares have not been registered under the Securities Act or any state securities laws and may not be offered or sold in the United States absent registration or an applicable exemption from registration requirements under the Securities Act or applicable state securities laws.

Item 3.02 Unregistered Sales of Equity Securities.

The disclosures set forth under Item 1.01 of this Current Report on Form 8-K are incorporated herein by reference.

Item 5.07 Submission of Matters to a Vote of Security Holders.

The disclosures set forth under Item 1.01 of this Current Report on Form 8-K are incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
10.1	Amended and Restated Securities Purchase Agreement, dated as of May 16, 2011, by and between Marshall Edwards, Inc. and the purchasers listed on the Schedule of Buyers thereto.
10.2	Amended and Restated Registration Rights Agreement, dated as of May 16, 2011, by and between Marshall Edwards, Inc. and the purchasers signatory thereto.
10.3	Amended and Restated Voting Agreement, dated as of May 16, 2011, by and between Marshall Edwards, Inc. and Novogen Limited.

10.4 Form of Amended and Restated Lock-up Agreement, dated as of May 16, 2011.

10.5 Form of Series A Warrants.

10.6 Form of Series B Warrants.

Signature

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

MARSHALL EDWARDS, INC.

By: /s/ Daniel P. Gold
Daniel P. Gold
Chief Executive Officer

Dated: May 16, 2011

Exhibit Index

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10.4	Form of Amended and Restated Lock-up Agreement, dated as of May 16, 2011.
10.5	Form of Series A Warrants.
10.6	Form of Series B Warrants.

**AMENDED AND RESTATED
SECURITIES PURCHASE AGREEMENT**

This **AMENDED AND RESTATED SECURITIES PURCHASE AGREEMENT** (the "**Agreement**"), dated as of May 16, 2011, by and among Marshall Edwards, Inc., a Delaware corporation, with headquarters located at 11975 El Camino Real, Suite 101, San Diego, California, 92130 (the "**Company**") and the investors listed on the Schedule of Buyers attached hereto (individually, a "**Buyer**" and collectively, the "**Buyers**") amends and restates in its entirety that certain Securities Purchase Agreement (the "**Original Securities Purchase Agreement**") dated as of May 2, 2011, by and among the Company and the Buyers.

WHEREAS:

A. The Company and each Buyer is executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by Section 4(2) of the Securities Act of 1933, as amended (the "**1933 Act**"), and Rule 506 of Regulation D ("**Regulation D**") as promulgated by the United States Securities and Exchange Commission (the "**SEC**") under the 1933 Act.

B. Each Buyer wishes to purchase, and the Company wishes to sell, upon the terms and conditions stated in this Agreement, (i) that aggregate number of shares of the Common Stock, par value \$0.00000002 per share, of the Company (the "**Common Stock**"), set forth opposite such Buyer's name in column (3) on the Schedule of Buyers attached hereto (which aggregate number for all Buyers shall be 835,217 shares of Common Stock and shall collectively be referred to herein as the "**Common Shares**"), (ii) warrants, in substantially the form attached hereto as Exhibit A (the "**Series A Warrants**"), representing the right to acquire up to that number of Shares of Common Stock set forth opposite such Buyer's name in column (4) on the Schedule of Buyers attached hereto (as exercised, collectively, the "**Series A Warrant Shares**") and (iii) warrants in substantially the form attached hereto as Exhibit B (the "**Series B Warrants**" and together with the Series A Warrants, the "**Warrants**") representing the right to acquire up to that number of Shares of Common Stock set forth opposite such Buyer's name in column (5) on the Schedule of Buyers attached hereto (as exercised, collectively, the "**Series B Warrant Shares**" and together with the Series A Warrant Shares, the "**Warrant Shares**").

C. Contemporaneously with the execution and delivery of this Agreement, the parties hereto are executing and delivering an Amended and Restated Registration Rights Agreement, substantially in the form attached hereto as Exhibit D (the "**Registration Rights Agreement**"), pursuant to which the Company has agreed to provide certain registration rights with respect to the Registrable Securities (as defined in the Registration Rights Agreement) under the 1933 Act and the rules and regulations promulgated thereunder, and applicable state securities laws.

D. The Common Shares, the Adjustment Shares, the Warrants and the Warrant Shares collectively are referred to herein as the "**Securities**".

E. Capitalized terms not otherwise defined herein shall have the meanings ascribed to them in Section 10 of this Agreement.

NOW, THEREFORE, the Company and each Buyer hereby agree as follows:

1. PURCHASE AND SALE OF COMMON SHARES AND WARRANTS; ADJUSTMENT SHARES OBLIGATION.

(a) Purchase and sale of Common Shares and Warrants.

(i) Purchase of Common Shares and Warrants. Subject to the satisfaction (or waiver) of the conditions set forth in Sections 6 and 7 below, the Company shall issue and sell to each Buyer, and each Buyer severally, but not jointly, agrees to purchase from the Company on the Closing Date (as defined below), (w) the number of Common Shares as is set forth opposite such Buyer's name in column (3) on the Schedule of Buyers along with (x) Series A Warrants to acquire up to that number of Series A Warrant Shares as is set forth opposite such Buyer's name in column (4) on the Schedule of Buyers and (y) Series B Warrants to acquire up to that number of Series B Warrant Shares as is set forth opposite such Buyer's name in column (5) on the Schedule of Buyers (the "**Closing**").

(ii) Closing. The date and time of the Closing (the "**Closing Date**") shall be 10:00 a.m., New York City time, on the date the conditions to the Closing set forth in Sections 6 and 7 below have been satisfied (or such other date and time as is mutually agreed to by the Company and each Buyer), at the offices of Schulte Roth & Zabel LLP, 919 Third Avenue, New York, New York 10022.

(iii) Purchase Price. The aggregate purchase price for the Common Shares and the Warrants to be purchased by each such Buyer at the Closing (the "**Purchase Price**") shall be the amount set forth opposite each Buyer's name in column (6) of the Schedule of Buyers.

(iv) Form of Payment. On the Closing Date, (i) each Buyer shall pay its respective Purchase Price to the Company for the Common Shares and Warrants to be issued and sold to such Buyer at the Closing (less, in the case of Hudson Bay Master Fund Ltd. ("**Hudson Bay**"), the amounts withheld pursuant to Section 4(g)), by wire transfer of immediately available funds in accordance with the Company's written wire instructions, and (ii) the Company shall deliver to each Buyer (A) one or more stock certificates, evidencing the Common Shares such Buyer is purchasing as is set forth opposite such Buyer's name in column (3) of the Schedule of Buyers, (B) a Series A Warrant pursuant to which such Buyer shall have the right to acquire up to such number of Warrant Shares as is set forth opposite such Buyer's name in column (4) of the Schedule of Buyers, and (C) a Series B Warrant pursuant to which such Buyer shall have the right to acquire up to such number of Warrant Shares as is set forth opposite such Buyer's name in column (5) of the Schedule of Buyers, in all cases duly executed on behalf of the Company and registered in the name of such Buyer or its designee.

(b) Adjustment Shares.

(i) Obligation to Issue Adjustment Shares. The Company shall, without any additional consideration, issue to each Buyer a number of shares of Common Stock on the First Adjustment Date equal to the number (if positive) obtained by subtracting (I) the sum of the number of Common Shares purchased by such Buyer on the Closing Date and the number of Series B Warrants exercised by such Buyer (each as adjusted for stock splits, stock dividends, recapitalizations, reorganizations, reclassification, combinations, reverse stock splits or other similar events) (the “**Initial Shares**”) from (II) the quotient determined by dividing (x) the sum of the Purchase Price paid by such Buyer and the aggregate exercise price paid upon exercise of the Series B Warrants exercised by such Buyer by (y) the First Adjustment Price (such number, the “**First Adjustment Share Amount**”). If (A) the First Adjustment Date was triggered by clause (1) of such definition and the Registration Statement is not available for the resale of all Registrable Securities thereunder at all times from the First Adjustment Date until the sixtieth (60th) day following the First Adjustment Date or (B) the First Adjustment Date was triggered by either clause (2) or clause (3) of such definition and there shall occur a Public Information Failure (as hereinafter defined) at any time on or prior to the sixtieth (60th) day following the First Adjustment Date, the Company shall, without any additional consideration, issue to each Buyer a number of shares of Common Stock on the Second Adjustment Date equal to the number (if positive) obtained by subtracting the sum of (i) the First Adjustment Share Amount and (ii) the number of Initial Shares, from the quotient determined by dividing (A) the sum of the Purchase Price paid by such Buyer and the aggregate exercise price paid upon exercise of the Series B Warrants exercised by such Buyer by (B) the Second Adjustment Price (such number, the “**Second Adjustment Share Amount**”). If (A) the Second Adjustment Date was triggered by clause (1) of such definition and the Registration Statement is not available for the resale of all Registrable Securities and Adjustment Shares thereunder at all times from the Second Adjustment Date until the sixtieth (60th) day following the Second Adjustment Date or (B) the Second Adjustment Date was triggered by clause (2) of such definition and there shall occur a Public Information Failure at any time on or prior to the sixtieth (60th) day following the Second Adjustment Date, the Company shall, without any additional consideration, issue to each Buyer a number of shares of Common Stock on the Third Adjustment Date equal to the number (if positive) obtained by subtracting the sum of (i) the Second Adjustment Share Amount, (ii) the First Adjustment Share Amount and (iii) the number of Initial Shares, from the quotient determined by dividing (A) the sum of the Purchase Price paid by such Buyer and the aggregate exercise price paid upon exercise of the Series B Warrants exercised by such Buyer by (B) the Third Adjustment Price (such number, the “**Third Adjustment Share Amount**”). The Company shall, without any additional consideration, issue to each Buyer a number of shares of Common Stock upon the occurrence of any Allowed Subsequent Placement (as defined in Section 4(n) hereof) (the “**Allowed Subsequent Placement Adjustment Date**” and, together with the First Adjustment Date, the Second Adjustment Date and the Third Adjustment Date, each an “**Adjustment Date**”) equal to the number (if positive) obtained by subtracting (I) the number of Common Shares issued to a Buyer on the Closing Date from (II) the quotient obtained by dividing (i) the aggregate Purchase Price paid by such Buyer by (ii) the lowest deemed consideration per share of Common Stock (as determined in accordance with the provisions of Section 2(a) of the Series A Warrants) issued in such Allowed Subsequent Placement (such number, the “**Allowed Subsequent Placement Adjustment Share Amount**” and, together with the First Adjustment Share Amount, the Second Adjustment Share Amount and the Third Adjustment Share Amount, the “**Adjustment Shares**”).

As used herein, (u) the “**First Adjustment Date**” means the date that is the twenty sixth (26th) Trading Day after the earliest of (1) the date that all Registrable Securities (as defined in the Registration Rights Agreement) and the Adjustment Shares have become registered pursuant to an effective Registration Statement that is available for the resale of all such Registrable Securities and Adjustment Shares, (2) the date that such Buyer can sell all of the Adjustment Shares pursuant to Rule 144 and (3) the six month anniversary of the Closing Date (the earliest of (1), (2) and (3), the “**First Trigger Date**”); (v) the “**First Adjustment Price**” means eighty five percent (85%) of the eight (8) lowest Weighted Average Prices of the Common Stock during the twenty (20) Trading Days immediately following the fifth (5th) Trading Day after the First Trigger Date (as adjusted for stock splits, stock dividends, recapitalizations, reorganizations, reclassification, combinations, reverse stock splits or other similar events during such period); (w) the “**Second Adjustment Date**” means the earlier of (1) the date that all Registrable Securities and the Adjustment Shares are registered pursuant to an effective Registration Statement that is available for the resale of all such Registrable Securities and Adjustment Shares (2) the date that such Buyer can sell all of the Adjustment Shares pursuant to Rule 144 and (3) the one (1) year anniversary of the Closing Date (the earliest of (1), (2) and (3), the “**Second Trigger Date**”); (x) “**Second Adjustment Price**” means eighty five percent (85%) of the eight (8) lowest Weighted Average Prices of the Common Stock during the twenty (20) Trading Days immediately following the fifth (5th) Trading Day after the Second Trigger Date (as adjusted for stock splits, stock dividends, recapitalizations, reorganizations, reclassification, combinations, reverse stock splits or other similar events during such period), (y) the “**Third Adjustment Date**” means the one (1) year anniversary of the Closing Date; and (z) “**Third Adjustment Price**” means eighty five percent (85%) of the eight (8) lowest Weighted Average Prices of the Common Stock during the twenty (20) Trading Days immediately following the fifth (5th) Trading Day after the one (1) year anniversary of the Closing Date (as adjusted for stock splits, stock dividends, recapitalizations, reorganizations, reclassification, combinations, reverse stock splits or other similar events during such period).

(ii) Cash Settlement. If (a) on any Adjustment Date the aggregate number of Adjustment Shares issuable, together with the aggregate number of Adjustment Shares previously issued and the number of Initial Shares issued, to a Buyer pursuant to Section 1(b) of this Agreement, exceeds the quotient determined by dividing (I) the sum of the Purchase Price paid by such Buyer and the aggregate exercise price paid upon exercise of the Series B Warrants exercised by such Buyer prior to the applicable Adjustment Date by (II) \$0.75 (the “**Adjustment Shares Cap**”), the Company shall promptly notify such Buyer in writing of such event and no later than three (3) Trading Days following such event, the Company shall pay such Buyer in cash by wire transfer of immediately available funds a dollar amount determined by multiplying such excess number of shares of Common Stock by the Weighted Average Price of the Common Stock on the date of such event or (b) the Stockholder Approval (as hereinafter defined) is not obtained on or prior to the First Adjustment Date, in lieu of delivering the Adjustment Shares otherwise required to be delivered pursuant to this Section 1(b), the Company shall pay the Buyers in cash by wire transfer of immediately available funds in a dollar amount determined by multiplying the number of Adjustment Shares otherwise deliverable to such Buyer pursuant to this Section 1(b) by the Weighted Average Price of the Common Stock on the date of such event. In the event the Company fails to make any cash payments required under this Agreement by a specified deadline, such payments shall bear interest at the rate of one and one-

half percent (1.5%) per month (prorated for partial months) (or such lesser maximum amount that is permitted to be paid by applicable law) until paid in full.

(iii) **Blocker.** Notwithstanding anything to the contrary contained herein, the Company shall not issue Adjustment Shares, and no Buyer shall have the right to receive Adjustment Shares, and any such issuance shall be null and void and treated as if never made, to the extent that after giving effect to such issuance, such Buyer (together with such Buyer's affiliates) would beneficially own in excess of 9.99% (the "**Maximum Percentage**") of the number of shares of Common Stock outstanding immediately after giving effect to such issuance. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Buyer and its affiliates shall include the number of shares of Common Stock issuable pursuant to Section 1(b) hereof with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (i) exercise, as applicable, of the remaining, unexercised portion of the Warrants beneficially owned by such Buyer and its affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company beneficially owned by such Buyer and its affiliates subject to a limitation on conversion or exercise analogous to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this paragraph, beneficial ownership shall be calculated in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the "**1934 Act**"). For purposes of determining the number of outstanding shares of Common Stock, the Buyers may rely on the number of outstanding shares of Common Stock as reflected in (1) the Company's most recent Form 10-K, Form 10-Q, Current Report on Form 8-K or other public filing with the Securities and Exchange Commission, as the case may be, (2) a more recent public announcement by the Company or (3) any other notice by the Company or the Company's transfer agent setting forth the number of shares of Common Stock outstanding. For any reason at any time, upon the written or oral request of a Buyer, the Company shall within one business day confirm orally and in writing to such Buyer the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the issuance of the Adjustment Shares and the conversion or exercise of securities of the Company, including the Warrants, held by each Buyer and its affiliates since the date as of which such number of outstanding shares of Common Stock was reported. By written notice to the Company, each Buyer may from time to time increase or decrease the Maximum Percentage to any other percentage not in excess of 9.99% specified in such notice; provided that any such increase will not be effective until the sixty-first (61st) day after such notice is delivered to the Company. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this paragraph to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended beneficial ownership limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. If a Buyer's right to receive Adjustment Shares is limited, in whole or in part, by this Section, all such Adjustment Shares that are so limited shall be held in abeyance for the benefit of such Buyer by the Company until such time, if ever, as its right thereto would not result in such Buyer exceeding the Maximum Percentage.

(iv) Mechanics of Issuance.

(1) Delivery of Certificates Upon Adjustment. Certificates for the Adjustment Shares shall be transmitted by the Company's transfer agent to a Buyer by crediting the account of such Buyer's prime broker with The Depository Trust Company through its Deposit/Withdrawal at Custodian system if the Company is then a participant in such system and there is an effective registration statement permitting the issuance of the Adjustment Shares to or resale of the Adjustment Shares by Buyer and otherwise by physical delivery to the address specified by such Buyer in a written notice delivered prior to the delivery date prescribed in Section 1(b)(iii) or the delivery of such Adjustment Shares (such date, the "Adjustment Shares Delivery Date"). Notwithstanding anything to the contrary contained herein, in no event will any Adjustment Shares be issued with any restrictive legends or any restrictions or limitations on resale by the Buyers. If the Company and/or its transfer agent requires any legal opinions with respect to the issuance of any Adjustment Shares without restrictive legends or the removal of any such restrictive legends, the Company agrees to cause its legal counsel to issue any such legal opinions.

(2) Company's Failure to Timely Deliver Securities. If the Company shall fail for any reason or for no reason to issue to a Buyer on or before the Adjustment Shares Delivery Date, a certificate for the number of shares of Common Stock to which such Buyer is entitled and register such shares of Common Stock on the Company's share register or to credit such Buyer's balance account with DTC for such number of shares of Common Stock to which such Buyer is entitled under Section 1(b), then, in addition to all other remedies available to such Buyer, the Company shall pay in cash to such Buyer on each day after such Adjustment Shares Delivery Date that the issuance of such shares of Common Stock is not timely effected an amount equal to 1.5% of the product of (A) the sum of the number of shares of Common Stock not issued to such Buyer on a timely basis and to which such Buyer is entitled and (B) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the last possible date which the Company could have issued such shares of Common Stock to the Buyer without violating Section 1(b). In addition to the foregoing, if on or prior to the Adjustment Shares Delivery Date the Company shall fail to issue and deliver a certificate to the Buyer and register such shares of Common Stock on the Company's share register or credit the Buyer's balance account with DTC for the number of shares of Common Stock to which the Buyer is entitled pursuant to the Company's obligation pursuant to Section 1(b)(i) or clause (ii) below, and if on or after such Trading Day the Buyer purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Buyer of shares of Common Stock the Buyer anticipated receiving from the Company (a "**Buy-In**") under Section 1(b), then the Company shall, within three (3) Trading Days after the Buyer's request and in the Buyer's discretion, either (i) pay cash to the Buyer in an amount equal to the Buyer's total purchase price (including brokerage commissions and other reasonable out-of-pocket expenses, if any) for the shares of Common Stock so purchased (the "**Buy-In Price**"), at which point the Company's obligation to deliver such certificate (and to issue such shares of Common Stock) or credit such Buyer's balance account with DTC shall terminate, or (ii) promptly honor its obligation to deliver to the Buyer a certificate or certificates representing such shares of Common Stock or credit such Buyer's balance account with DTC and pay cash to the Buyer in an amount equal to the excess (if any) of the Buy-In

Price over the product of (A) such number of shares of Common Stock, times (B) the Closing Bid Price on the applicable Adjustment Shares Delivery Date.

(3) Charges, Taxes and Expenses. Issuance of certificates for Adjustment Shares shall be made without charge to the Buyers for any issue or transfer tax or other incidental expense in respect of the issuance of such certificate, all of which taxes and expenses shall be paid by the Company, and such certificates shall be issued in the name of the respective Buyer or in such name or names as may be directed by the respective Buyer.

(4) Closing of Books. The Company will not close its shareholder books or records in any manner which prevents the timely exercise of this Buyer's rights with respect to the Adjustment Shares.

(v) Certain Adjustments.

(1) Subdivision; Combination of Shares. If the Company at any time on or after the date of this Agreement subdivides (by any stock split, stock dividend, recapitalization or otherwise) one or more classes of its outstanding shares of Common Stock into a greater number of shares, the number of Adjustment Shares will be proportionately increased. If the Company at any time on or after the date of this Agreement combines (by combination, reverse stock split or otherwise) one or more classes of its outstanding shares of Common Stock into a smaller number of shares, the number of Adjustment Shares will be proportionately decreased. Any adjustment under this Section 1(b)(v) shall become effective at the close of business on the date the subdivision or combination becomes effective.

(2) Purchase Rights. While any Adjustment Shares are issuable hereunder, the Company shall not grant, issue or sell any Purchase Rights (as defined in the Warrants).

(3) Other Events. If any event occurs of the type contemplated by the provisions of this Section 1(b)(v) but not expressly provided for by such provisions (including, without limitation, the granting of stock appreciation rights, phantom stock rights or other rights with equity features), then the Company's Board of Directors will make an appropriate adjustment in the number of Adjustment Shares so as to protect the rights of the Buyers; provided that no such adjustment pursuant to this Section 1(b)(v) will decrease the number of Adjustment Shares as otherwise determined pursuant to this Section 1(b)(v).

(4) Pro Rata Distributions. If the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "**Distribution**"), at any time after the Closing Date and prior to the later of the date of delivery of all Adjustment Shares which the Company is

obligated to deliver under this Agreement and the date that the right to receive Adjustment Shares shall expire then, in each such case, each Buyer shall be entitled to receive, with respect to each unissued Adjustment Share, such dividend or other distribution of assets (or rights to acquire its assets) that the Buyer would have received with respect to each such Adjustment Share had it been issued on the date of such dividend or other distribution.

(5) Fundamental Transaction. If, at any time after the Closing Date and prior to an Adjustment Date, a Fundamental Transaction occurs, then for each Adjustment Share issuable under Section 1(b) not issued prior to the date of such Fundamental Transaction, the respective Buyer shall be entitled to receive the number of shares of capital stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the "**Alternate Consideration**") receivable as a result of such Fundamental Transaction by holder of a share of Common Stock immediately prior to such Fundamental Transaction. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Buyer shall be given the same choice as to the Alternate Consideration it receives upon the issuance of an Adjustment Share following such Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the "Successor Entity") to assume in writing all of the obligations of the Company under this Section 1(b) in accordance with the provisions of this Section 1(b)(v)(5) pursuant to written agreements in form and substance reasonably satisfactory to the Required Holders (as defined in the Registration Rights Agreement). If a Fundamental Transaction is publicly announced or occurs prior to occurrence of an Adjustment Event or the issuance of the Adjustment Shares, each Buyer will have the option to receive cash, payable on the closing date of such Fundamental Transaction (or if the notice contemplated below is not delivered within 15 days prior to the closing date of such Fundamental Transaction, promptly following the election of the option to receive cash), in lieu of the right to receive Adjustment Shares under Section 1(b), at price per share equal to the Weighted Average Price of the Common Stock on the date of such election by the Buyer. The Company shall provide each Buyer with written notice, including a summary of material terms, of any Fundamental Transaction described in the preceding sentence no less than 15 days prior to the consummation such Fundamental Transaction, provided that if the Company does not have knowledge of such Fundamental Transaction or material terms thereof at least 15 days prior to the consummation, the Company shall provide written notice, including a summary of material terms, within two (2) Trading Days of having such knowledge. Each Buyer shall have a period of 15 days from the receipt of the notice described in the preceding sentence which to elect whether to receive Adjustment Shares (and cash to the extent applicable pursuant to Section 1(b)(ii)) or cash.

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

(7) Notice to Buyers.

(A) Adjustment to Number of Adjustment Shares. Whenever there is an adjustment pursuant to any provision of Section 1.b(v), the Company shall promptly mail to each Buyer a notice setting forth the adjustment to the number of Adjustment Shares and setting forth a brief statement of the facts requiring such adjustment.

(B) Notice of Certain Events. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Company shall authorize the granting to all holders of the Common Stock rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any shareholders of the Company shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Company is a party, any sale or transfer of all or substantially all of the assets of the Company, or any compulsory share exchange whereby the Common Stock are converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, in each case prior to the later of an Adjustment Date or the issuance of the applicable number of Adjustment Shares issuable in respect of such Adjustment Date, then, in each case, the Company shall cause to be mailed to each Buyer at its last address, at least 20 calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange; provided that the failure to mail such notice or any defect therein or in the mailing thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided hereunder constitutes, or contains, material, non-public information regarding the Company or any of its subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K.

(vi) Dispute Resolution. In the case of a dispute as to the determination of the number of Adjustment Shares deliverable hereunder and/or the amount of cash payable hereunder, the Company shall submit the disputed determinations or arithmetic calculations via facsimile within two (2) Business Days of event giving rise to such dispute, as the case may be, to the Buyers. If a Buyer and the Company are unable to agree upon such determination or calculation of the number of shares of Common Stock issuable within three (3) Business Days of such disputed determination or arithmetic calculation being submitted to the Buyers, then the Company shall, within two (2) Business Days submit via facsimile (a) the disputed determination of the number of Adjustment Shares and/or the amount of cash to an independent, reputable investment bank selected by the Company and approved by the Required Holders or (b) the disputed arithmetic calculation of the number of Adjustment Shares and/or

the amount of cash to the Company's independent, outside accountant. The Company shall cause at its expense the investment bank or accountant, as the case may be, to perform the determinations or calculations and notify the Company and the applicable Buyer(s) of the results no later than ten (10) Business Days from the time it receives the disputed determinations or calculations. Such accountant's determination or calculation shall be binding upon all parties absent demonstrable error.

2. BUYER'S REPRESENTATIONS AND WARRANTIES. Each Buyer, severally and not jointly, represents and warrants with respect to only itself that:

(a) Organization and Authority. Such Buyer is duly organized and validly existing in good standing under the laws of the jurisdiction in which it is formed, and has the requisite power and authorization to enter into and to consummate the transactions contemplated by the Transaction Documents (as defined below) to which it is a party and otherwise to carry out its obligations hereunder.

(b) No Public Sale or Distribution. Such Buyer is (i) acquiring the Common Shares and the Warrants and (ii) upon exercise of the Warrants will acquire the Warrant Shares issuable upon exercise of the Warrants (other than pursuant to a Cashless Exercise (as defined in the Warrants)), for its own account and not with a view towards, or for resale in connection with, the public sale or distribution thereof, except pursuant to sales registered or exempted under the 1933 Act; provided, however, that by making the representations herein, such Buyer does not agree to hold any of the Securities for any minimum or other specific term and reserves the right to dispose of the Securities at any time in accordance with or pursuant to a registration statement or an exemption under the 1933 Act. Such Buyer is acquiring the Securities hereunder in the ordinary course of its business. Such Buyer does not presently have any agreement or understanding, directly or indirectly, with any Person (as defined in Section 3(s)) to distribute any of the Securities.

(c) Accredited Investor Status. Such Buyer is, and on the date of any cash exercise of the Warrants will be, an "accredited investor" as that term is defined in Rule 501(a) of Regulation D.

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

(e) Information. Such Buyer and its advisors, if any, have been furnished with all materials relating to the business, finances and operations of the Company and materials relating to the offer and sale of the Securities that have been requested by such Buyer. Such Buyer and its advisors, if any, have been afforded the opportunity to ask questions of the Company. Neither such inquiries nor any other due diligence investigations conducted by such Buyer or its advisors, if any, or its representatives shall modify, amend or affect such Buyer's

right to rely on the Company's representations and warranties contained herein. Such Buyer understands that its investment in the Securities involves a high degree of risk. Such Buyer has sought such accounting, legal and tax advice as it has considered necessary to make an informed investment decision with respect to its acquisition of the Securities.

(f) No Governmental Review. Such Buyer understands that no United States federal or state agency or any other government or governmental agency has passed on or made any recommendation or endorsement of the Securities or the fairness or suitability of the investment in the Securities nor have such authorities passed upon or endorsed the merits of the offering of the Securities.

(g) Transfer or Resale. Such Buyer understands that: (i) the Securities have not been and, except as provided in the Registration Rights Agreement, are not being registered under the 1933 Act or any state securities laws, and may not be offered for sale, sold, assigned or transferred unless (A) pursuant to an effective registration statement pursuant to the 1933 Act, (B) subject to Section 1(b), such Buyer shall have delivered to the Company an opinion of counsel, in a form reasonably acceptable to the Company, to the effect that such Securities to be sold, assigned or transferred may be sold, assigned or transferred pursuant to an exemption from such registration, or (C) subject to Section 1(b), such Buyer provides the Company with reasonable assurance (in the form of seller and, if applicable, broker representation letters) that such Securities can be sold, assigned or transferred pursuant to Rule 144 or Rule 144A promulgated under the 1933 Act, as amended, (or a successor rule thereto) (collectively, "**Rule 144**"); (ii) any sale of the Securities made in reliance on Rule 144 may be made only in accordance with the terms of Rule 144 and further, if Rule 144 is not applicable, any resale of the Securities under circumstances in which the seller (or the Person (as defined below) through whom the sale is made) may be deemed to be an underwriter (as that term is defined in the 1933 Act) may require compliance with some other exemption under the 1933 Act or the rules and regulations of the SEC thereunder; and (iii) except as provided in the Registration Rights Agreement, neither the Company nor any other Person is under any obligation to register the Securities under the 1933 Act or any state securities laws or to comply with the terms and conditions of any exemption thereunder. 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 and such pledge of Securities shall not be deemed to be a transfer, sale or assignment of the Securities hereunder, and no Buyer effecting a pledge of Securities shall be required to provide the Company with any notice thereof or otherwise make any delivery to the Company pursuant to this Agreement or any other Transaction Document (as defined in Section 3(b)), including, without limitation, this Section 2(f).

(h) Legends. Such Buyer understands that the certificates or other instruments representing the Common Shares and the Warrants and, until such time as the resale of the Warrant Shares have been registered under the 1933 Act as contemplated by the Registration Rights Agreement, the stock certificates representing the Warrant Shares, until such time as they are no longer required pursuant to this Section 2(h), shall bear any legend as required by the "blue sky" laws of any state and a restrictive legend in substantially the following form (and a stop-transfer order may be placed against transfer of such stock certificates):

[NEITHER THE ISSUANCE AND SALE OF THE SECURITIES REPRESENTED BY THIS CERTIFICATE NOR THE SECURITIES INTO WHICH THESE SECURITIES ARE [EXERCISABLE] HAVE BEEN][THE SECURITIES REPRESENTED BY THIS CERTIFICATE HAVE NOT 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, IN A FORM REASONABLY ACCEPTABLE TO THE COMPANY, 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 Company shall issue a certificate without such legend to the holder of the Securities upon which it is stamped or issue to such holder by electronic delivery at the applicable balance account at The Depository Trust Company (“DTC”) if, unless otherwise required by state securities laws, (i) such Securities are registered for resale under the 1933 Act (provided that, if the holder is selling pursuant to an effective registration statement registering the Securities for resale, such holder agrees to only sell such Securities in compliance with the terms of the Registration Rights Agreement), (ii) in connection with a sale, assignment or other transfer, such holder provides the Company with an opinion of counsel (which in the case of the Adjustment Shares, shall, to the extent required by the Company or its transfer agent, be an opinion of counsel to the Company), in a form reasonably acceptable to the Company, to the effect that such sale, assignment or transfer of the Securities may be made without registration under the applicable requirements of the 1933 Act, or (iii) the Securities can be sold, assigned or transferred pursuant to Rule 144 (without the requirement for the Company to be in compliance with the current public information required under Rule 144(c)(1) as to such Securities and without volume or manner-of-sale restrictions), provided that the holder of the Securities shall promptly surrender a certificate containing such legend to the Company. The Company shall be responsible for the fees of its transfer agent and all DTC fees associated with such issuance. If the Company shall fail for any reason or for no reason to issue to the holder of the Securities within three (3) Trading Days (as defined in the Warrant) after the occurrence of any of (i) through (iii) above, a certificate without such legend to the holder or to issue such Securities to such holder by electronic delivery at the applicable balance account at DTC, and if on or after such Trading Day the holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the holder of such Securities that the holder anticipated receiving without legend from the Company, then the Company shall, within three (3) Business Days after the holder’s request and in the holder’s discretion, either (i) pay cash to the holder in an amount equal to the Buy-In Price at which point the Company’s

obligation to deliver such unlegended Securities shall terminate, or (ii) promptly honor its obligation to deliver to the holder such unlegended Securities as provided above and pay cash to the holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock, times (B) the Closing Bid Price (as defined in the Warrants) on the date of exercise.

(i) Validity; Enforcement. This Agreement and the Registration Rights Agreement have been duly and validly authorized, executed and delivered on behalf of such Buyer and shall constitute the legal, valid and binding obligations of such Buyer enforceable against such Buyer in accordance with their respective terms, except as such enforceability may be limited by general principles of equity or to applicable bankruptcy, insolvency, reorganization, moratorium, liquidation and other similar laws relating to, or affecting generally, the enforcement of applicable creditors' rights and remedies.

(j) No Conflicts. The execution, delivery and performance by such Buyer of this Agreement and the Registration Rights Agreement and the consummation by such Buyer of the transactions contemplated hereby and thereby will not (i) result in a violation of the organizational documents of such Buyer or (ii) conflict with, or constitute a default (or an event which with notice or lapse of time or both would become a default) under, or give to others any rights of termination, amendment, acceleration or cancellation of, any agreement, indenture or instrument to which such Buyer is a party, or (iii) result in a violation of any law, rule, regulation, order, judgment or decree (including federal and state securities laws) applicable to such Buyer, except in the case of clauses (ii) and (iii) above, for such conflicts, defaults, rights or violations which would not, individually or in the aggregate, reasonably be expected to have a material adverse effect on the ability of such Buyer to perform its obligations hereunder.

(k) Residency. Such Buyer is a resident of that jurisdiction specified below its address on the Schedule of Buyers.

3. REPRESENTATIONS AND WARRANTIES OF THE COMPANY.

The Company represents and warrants to each of the Buyers that:

(a) Organization and Qualification. Each of the Company and its "**Subsidiaries**" (which for purposes of this Agreement means any entity in which the Company, directly or indirectly, owns any of the capital stock or holds an equity or similar interest) are entities duly organized and validly existing in good standing under the laws of the jurisdiction in which they are formed, and have the requisite power and authorization to own their properties and to carry on their business as now being conducted. Each of the Company and its Subsidiaries is duly qualified as a foreign entity to do business and is in good standing or its equivalent under any applicable foreign jurisdiction in every jurisdiction in which its ownership of property or the nature of the business conducted by it makes such qualification necessary, except to the extent that the failure to be so qualified or be in good standing would not reasonably be expected to have a Material Adverse Effect. As used in this Agreement, "**Material Adverse Effect**" means any material adverse effect on the business, properties, assets, operations, results of operations, condition (financial or otherwise) or prospects of the Company and its Subsidiaries, individually or taken as a whole, or on the transactions contemplated hereby

or on the other Transaction Documents or by the agreements and instruments to be entered into in connection herewith or therewith, or on the authority or ability of the Company to perform its obligations under the Transaction Documents (as defined below). The Company has no Subsidiaries except as set forth on Schedule 3(a).

(b) Authorization; Enforcement; Validity. The Company has the requisite power and, subject, as applicable, to the Stockholder Approval (as defined below) authority to enter into and perform its obligations under this Agreement, the Warrants, the Registration Rights Agreement, the Voting Agreement (as defined in Section 4(q)), the Irrevocable Transfer Agent Instructions (as defined in Section 5(b)), the Lock-Up Agreements (as defined in Section 7(ix)) and each of the other agreements entered into by the parties hereto in connection with the transactions contemplated by this Agreement (collectively, the “**Transaction Documents**”) and to issue the Securities in accordance with the terms hereof and thereof. The execution and delivery of the Transaction Documents by the Company and the consummation by the Company of the transactions contemplated hereby and thereby, including, without limitation, the issuance of the Common Shares, the Warrants and the reservation for issuance and issuance of Warrant Shares issuable upon exercise of the Warrants have been duly authorized by the Company’s Board of Directors and (other than the filing with the SEC of (i) one or more Registration Statements in accordance with the requirements of the Registration Rights Agreement and other filings as may be required by state securities agencies, (ii) an Information Statement or Proxy in respect of the Stockholder Approval and (iii) the filing and approval of a listing application as required by the rules of the Principal Market (as defined below)) no further filing, consent, or authorization is required by the Company, its Board of Directors or its stockholders. This Agreement and the other Transaction Documents have been duly executed and delivered by the Company, and constitute the legal, valid and binding obligations of the Company, enforceable against the Company in accordance with their respective terms, except as such enforceability may be limited by general principles of equity or applicable bankruptcy, insolvency, reorganization, moratorium, liquidation or similar laws relating to, or affecting generally, the enforcement of applicable creditors’ rights and remedies.

(c) Issuance of Securities. The issuance of the Common Shares and the Warrants are duly authorized and, upon issuance in accordance with the terms hereof, shall be validly issued and free from all taxes, liens and charges with respect to the issue thereof and the Common Shares shall be fully paid and nonassessable with the holders being entitled to all rights accorded to a holder of Common Stock. As of the Closing, a number of shares of Common Stock shall have been duly authorized and reserved for issuance which equals or exceeds 100% of the aggregate of the maximum number of shares of Common Stock (the “**Required Reserved Amount**”) issuable (i) upon exercise of the Warrants, without taking into account any limitations on the exercise of the Warrants set forth in the Warrants, and (ii) as Adjustment Shares, taking into account the Adjustment Shares Cap. Upon exercise in accordance with the Warrants, the Warrant Shares will be validly issued, fully paid and nonassessable and free from all preemptive or similar rights, taxes, liens and charges with respect to the issue thereof, with the holders being entitled to all rights accorded to a holder of Common Stock. The Adjustment Shares, when issued in accordance with the terms of Section 1(b), will be validly issued, fully paid and nonassessable and free from all preemptive or similar rights, taxes, liens and charges with respect to the issue thereof, with the holders being entitled to all rights accorded to a holder of Common Stock. Assuming the accuracy of each of the representations and warranties set forth in Section

2 of this Agreement, the offer and issuance by the Company of the Securities is exempt from registration under the 1933 Act.

(d) No Conflicts. Subject to receipt of the Stockholder Approval, the making of the filings and the receipt of clearances from the SEC and the Principal Market in respect of the filings specified in Section 3(b), the execution, delivery and performance of the Transaction Documents by the Company and the consummation by the Company of the transactions contemplated hereby and thereby (including, without limitation, the issuance of the Common Shares and the Warrants and reservation for issuance and issuance of the Warrant Shares and Adjustment Shares) will not (i) result in a violation of any memorandum of association, certificate of incorporation, certificate of formation, any certificate of designations or other constituent documents of the Company or any of its Subsidiaries, any capital stock of the Company or any of its Subsidiaries or the articles of association or bylaws of the Company or any of its Subsidiaries or (ii) conflict with, or constitute a default (or an event which with notice or lapse of time or both would become a default) in any respect under, or give to others any rights of termination, amendment, acceleration or cancellation of, any material agreement, indenture or instrument to which the Company or any of its Subsidiaries is a party, or (iii) result in a violation of any law, rule, regulation, order, judgment or decree (including foreign, federal and state securities laws and regulations and the rules and regulations of The NASDAQ Capital Market (the "**Principal Market**") and laws of the State of Delaware applicable to the Company or any of its Subsidiaries or by which any property or asset of the Company or any of its Subsidiaries is bound or affected except, in the cases of (ii) and (iii) above, to the extent such violations could not reasonably be expected to have a Material Adverse Effect.

(e) Consents. Subject to receipt of the Stockholder Approval, the making of the filings and the receipt of clearances from the SEC and the Principal Market in respect of the filings specified in Section 3(b), neither the Company nor any of its Subsidiaries is required to obtain any consent, authorization or order of, or make any filing or registration with, any court, governmental agency or any regulatory or self-regulatory agency or any other Person in order for it to execute, deliver or perform any of its obligations under or contemplated by the Transaction Documents, in each case in accordance with the terms hereof or thereof. The Company and its Subsidiaries are unaware of any facts or circumstances that might prevent the Company from obtaining or effecting any of the registration, application or filings pursuant to the preceding sentence. The Company is not in violation of the listing requirements of the Principal Market and has no knowledge of any facts that would reasonably lead to delisting or suspension of the Common Stock in the foreseeable future. The issuance by the Company of the Securities shall not have the effect of delisting or suspending the Common Stock from the Principal Market.

(f) Acknowledgment Regarding Buyer's Purchase of Securities. The Company acknowledges and agrees that each Buyer is acting solely in the capacity of an arm's length purchaser with respect to the Transaction Documents and the transactions contemplated hereby and thereby and that no Buyer is (i) an officer or director of the Company or any of its Subsidiaries, (ii) an "affiliate" of the Company or any of its Subsidiaries (as defined in Rule 144) or (iii) to the knowledge of the Company, a "beneficial owner" of more than 10% of the shares of Common Stock (as defined for purposes of Rule 13d-3 of the 1934 Act). The Company further acknowledges that no Buyer is acting as a financial advisor or fiduciary of the Company or any of its Subsidiaries (or in any similar capacity) with respect to the Transaction Documents and the

transactions contemplated hereby and thereby, and any advice given by a Buyer or any of its representatives or agents in connection with the Transaction Documents and the transactions contemplated hereby and thereby is merely incidental to such Buyer's purchase of the Securities. The Company further represents to each Buyer that the Company's decision to enter into the Transaction Documents has been based solely on the independent evaluation by the Company and its representatives.

(g) No General Solicitation; Placement Agent's Fees. Neither the Company, nor any of its Subsidiaries or affiliates, nor any Person acting on its or their behalf, has engaged in any form of general solicitation or general advertising (within the meaning of Regulation D) in connection with the offer or sale of the Securities. The Company shall be responsible (other than for Persons engaged by any Buyer or its investment advisor) for the payment of any placement agent's fees, financial advisory fees, or brokers' commissions (other than for persons engaged by any Buyer or its investment advisor) relating to or arising out of the transactions contemplated hereby, including, without limitation, placement agent fees payable to Roth Capital Partners, as placement agent (the "**Placement Agent**") in connection with the sale of the Securities. The Company shall pay, and hold each Buyer harmless against, any liability, loss or expense (including, without limitation, attorney's fees and out-of-pocket expenses) arising in connection with any such claim. The Company acknowledges that it has engaged the Placement Agent in connection with the sale of the Securities. Other than the Placement Agent, neither the Company nor any of its Subsidiaries has engaged any placement agent or other agent in connection with the sale of the Securities.

(h) No Integrated Offering. None of the Company, its Subsidiaries, any of their affiliates, and any Person acting on their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would require registration of any of the Securities under the 1933 Act, whether through integration with prior offerings or otherwise, (other than the Stockholder Approval) or cause this offering of the Securities to require approval of stockholders of the Company for purposes of the 1933 Act or any applicable stockholder approval provisions, including, without limitation, under the rules and regulations of any exchange or automated quotation system on which any of the securities of the Company are listed or designated. None of the Company, its Subsidiaries, their affiliates and any Person acting on their behalf will take any action or steps referred to in the preceding sentence that would require registration of any of the Securities under the 1933 Act or cause the offering of the Securities to be integrated with other offerings for purposes of any such applicable stockholder approval provisions.

(i) Dilutive Effect. The Company understands and acknowledges that its obligation to issue the Warrant Shares upon exercise of the Warrants in accordance with this Agreement and the Warrants and to issue the Adjustment Shares in accordance with Section 1(b) is, in each case, is absolute and unconditional regardless of the dilutive effect that such issuance may have on the ownership interests of other stockholders of the Company.

(j) Application of Takeover Protections; Rights Agreement. The Company and its board of directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, business combination, poison pill (including any distribution under a rights agreement) or other similar anti-takeover provision under the Certificate of Incorporation

or the laws of the State of Delaware which is or could become applicable to any Buyer as a result of the transactions contemplated by this Agreement, including, without limitation, the Company's issuance of the Securities and any Buyer's ownership of the Securities. The Company has not adopted a stockholder rights plan or similar arrangement relating to accumulations of beneficial ownership of Common Stock or a change in control of the Company.

(k) SEC Documents; Financial Statements. Except as disclosed in Schedule 3(k), during the two (2) years prior to the date hereof, the Company has timely filed all reports, schedules, forms, statements and other documents required to be filed by it with the SEC pursuant to the reporting requirements of the 1934 Act (all of the foregoing filed prior to the date hereof, and all exhibits included therein and financial statements, notes and schedules thereto and documents incorporated by reference therein being hereinafter referred to as the "**SEC Documents**"). The Company has delivered to the Buyers or their respective representatives true, correct and complete copies of the SEC Documents not available on the EDGAR system. As of their respective filing dates when taken together with any subsequent amendments or supplements, the SEC Documents complied in all material respects with the requirements of the 1934 Act and the rules and regulations of the SEC promulgated thereunder applicable to the SEC Documents, and none of the SEC Documents, at the time they were filed with the SEC, 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. As of their respective filing dates, the financial statements of the Company included in the SEC Documents complied as to form in all material respects with applicable accounting requirements and the published rules and regulations of the SEC with respect thereto. Such financial statements have been prepared in accordance with generally accepted accounting principles, consistently applied, during the periods involved (except (i) as may be otherwise indicated in such financial statements or the notes thereto, or (ii) in the case of unaudited interim statements, to the extent they may exclude footnotes or may be condensed or summary statements) and fairly present in all material respects the financial position of the Company as of the dates thereof and the results of its operations and cash flows for the periods then ended (subject, in the case of unaudited statements, to normal year-end audit adjustments). No other information provided by or on behalf of the Company to the Buyers which is not included in the SEC Documents, including, without limitation, information referred to in Section 2(d) of this Agreement or in the disclosure schedules to this Agreement, contains any untrue statement of a material fact or omits to state any material fact necessary in order to make the statements therein, in the light of the circumstance under which they are or were made, not misleading.

(l) Absence of Certain Changes. Except as disclosed in Schedule 3(l), since June 30, 2010, there has been no material adverse change and no material adverse development in the business, assets, properties, operations, condition (financial or otherwise), results of operations or prospects of the Company or its Subsidiaries. Except as disclosed in Schedule 3(l), since June 30, 2010, neither the Company nor any of its Subsidiaries has (i) declared or paid any dividends, (ii) sold any assets, individually or in the aggregate, in excess of \$100,000 outside of the ordinary course of business or (iii) had capital expenditures, individually or in the aggregate, in excess of \$100,000. Neither the Company nor any of its Subsidiaries has taken any steps to seek protection pursuant to any bankruptcy law nor does the Company have any knowledge or reason to believe that its creditors intend to initiate involuntary bankruptcy proceedings or any

actual knowledge of any fact that would reasonably lead a creditor to do so. The Company and its Subsidiaries, individually and on a consolidated basis, are not as of the date hereof, and after giving effect to the transactions contemplated hereby to occur at the Closing, will not be Insolvent (as defined below). For purposes of this Section 3(l), “**Insolvent**” means, with respect to any Person, (i) the present fair saleable value of such Person’s assets is less than the amount required to pay such Person’s total Indebtedness (as defined in Section 3(s)), (ii) such Person is unable to pay its debts and liabilities, subordinated, contingent or otherwise, as such debts and liabilities become absolute and matured, (iii) such Person intends to incur or believes that it will incur debts that would be beyond its ability to pay as such debts mature or (iv) such Person has unreasonably small capital with which to conduct the business in which it is engaged as such business is now conducted and is proposed to be conducted.

(m) No Undisclosed Events, Liabilities, Developments or Circumstances. No event, liability, development or circumstance has occurred or exists, or is contemplated to occur with respect to the Company, its Subsidiaries or their respective business, properties, prospects, operations or financial condition, that would be required to be disclosed by the Company under applicable securities laws on a registration statement on Form S-1 filed with the SEC relating to an issuance and sale by the Company of its Common Stock and which has not been publicly announced.

(n) Conduct of Business; Regulatory Permits. Neither the Company nor any of its Subsidiaries is in violation of any term of or in default under any certificate of designations of any outstanding series of preferred stock of the Company, its Certificate of Incorporation or Bylaws (as such terms are defined below) or their organizational charter or memorandum of association or certificate of incorporation or articles of association or bylaws, respectively. Neither the Company nor any of its Subsidiaries is in violation of any judgment, decree or order or any statute, ordinance, rule or regulation applicable to the Company or any of its Subsidiaries, and neither the Company nor any of its Subsidiaries will conduct its business in violation of any of the foregoing, except for possible violations which could not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. Without limiting the generality of the foregoing, the Company is not in violation of any of the rules, regulations or requirements of the Principal Market and has no knowledge of any facts or circumstances that would reasonably lead to delisting or suspension of the Common Stock by the Principal Market in the foreseeable future. Except as disclosed in Schedule 3(n), during the two (2) years prior to the date hereof, (i) the Common Stock has been designated for quotation on the Principal Market, (ii) trading in the Common Stock has not been suspended by the SEC or the Principal Market other than temporary trading halts as a result of material announcements and (iii) the Company has received no communication, written or oral, from the SEC or the Principal Market regarding the suspension or delisting of the Common Stock from the Principal Market. The Company and its Subsidiaries possess all certificates, authorizations and permits issued by the appropriate federal, state or foreign regulatory authorities necessary to conduct their respective businesses, except where the failure to possess such certificates, authorizations or permits would not have, individually or in the aggregate, a Material Adverse Effect, and neither the Company nor any such Subsidiary has received any notice of proceedings relating to the revocation or modification of any such certificate, authorization or permit.

(o) Foreign Corrupt Practices. Neither the Company, nor any of its Subsidiaries, nor any director, officer, agent, employee or other Person acting on behalf of the Company or any of its Subsidiaries has, in the course of its actions for, or on behalf of, the Company or any of its Subsidiaries (i) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expenses relating to political activity; (ii) made any direct or indirect unlawful payment to any foreign or domestic government official or employee from corporate funds; (iii) violated or is in violation of any provision of the U.S. Foreign Corrupt Practices Act of 1977, as amended; or (iv) made any unlawful bribe, rebate, payoff, influence payment, kickback or other unlawful payment to any foreign or domestic government official or employee.

(p) Sarbanes-Oxley Act. The Company is in compliance with any and all applicable requirements of the Sarbanes-Oxley Act of 2002 that are effective as of the date hereof, and any and all applicable rules and regulations promulgated by the SEC thereunder that are effective as of the date hereof.

(q) Transactions With Affiliates. Except as disclosed in the SEC Documents, none of the officers, directors or employees of the Company or any of its Subsidiaries is presently a party to any transaction with the Company or any of its Subsidiaries (other than for ordinary course services as employees, officers or 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 such officer, director or employee or, to the knowledge of the Company or any of its Subsidiaries, any corporation, partnership, trust or other entity in which any such officer, director, or employee has a substantial interest or is an officer, director, trustee or partner.

(r) Equity Capitalization. As of the date hereof, the authorized capital stock of the Company consists of (i) 113,000,000 shares of Common Stock, of which as of the date hereof, 8,045,872 shares are issued and outstanding, 666,588 shares are reserved for issuance pursuant to the Company's employee incentive plan or other options and warrants outstanding and 9,654,000 shares are reserved for issuance pursuant to securities (other than the aforementioned options and warrants and the Warrants) exercisable or exchangeable for, or convertible into, Common Stock and (ii) 100,000 shares of preferred stock, par value \$0.01 per share, of which as of the date hereof 1,000 shares of Series A Convertible Preferred Stock (the "**Series A Preferred Stock**") are issued and outstanding, as disclosed in the Current Report on Form 8-K filed by the Company on May 11, 2011, as amended (the "**May 11 8-K**"), after being issued on May 9, 2011 pursuant to the Asset Purchase Agreement, dated as of December 21, 2010, between the Company and Novogen Limited ("**Novogen**") and Novogen Research PTY Limited in the form filed as an exhibit to the May 11 8-K (the "**Asset Purchase Agreement**"). All of such outstanding shares have been, or upon issuance will be, validly issued and are fully paid and nonassessable. Except as disclosed in Schedule 3(r): (i) none of the Company's capital stock is subject to preemptive rights or any other similar rights or any liens or encumbrances suffered or permitted by the Company; (ii) there are no outstanding options, warrants, scrip, rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities or rights convertible into, or exercisable or exchangeable for, any shares of capital stock of the Company or any of its Subsidiaries, or contracts, commitments, understandings or arrangements by which the Company or any of its Subsidiaries is or may become bound to issue additional

shares of capital stock of the Company or any of its Subsidiaries or options, warrants, scrip, rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities or rights convertible into, or exercisable or exchangeable for, any shares of capital stock of the Company or any of its Subsidiaries; (iii) there are no outstanding debt securities, notes, credit agreements, credit facilities or other agreements, documents or instruments evidencing Indebtedness of the Company or any of its Subsidiaries or by which the Company or any of its Subsidiaries is or may become bound; (iv) there are no financing statements securing obligations in any material amounts, either singly or in the aggregate, filed in connection with the Company or any of its Subsidiaries; (v) there are no agreements or arrangements under which the Company or any of its Subsidiaries is obligated to register the sale of any of their securities under the 1933 Act (except pursuant to the Registration Rights Agreement); (vi) there are no outstanding securities or instruments of the Company or any of its Subsidiaries which contain any redemption or similar provisions, and there are no contracts, commitments, understandings or arrangements by which the Company or any of its Subsidiaries is or may become bound to redeem a security of the Company or any of its Subsidiaries; (vii) there are no securities or instruments containing anti-dilution or similar provisions that will be triggered by the issuance of the Securities; (viii) the Company does not have any stock appreciation rights or "phantom stock" plans or agreements or any similar plan or agreement; and (ix) the Company and its Subsidiaries have no liabilities or obligations required to be disclosed in the SEC Documents but not so disclosed in the SEC Documents, other than those incurred in the ordinary course of the Company's or any of its Subsidiary's' respective businesses and which, individually or in the aggregate, do not or would not have a Material Adverse Effect. The Company has furnished or made available to the Buyers true, correct and complete copies of the Company's Certificate of Incorporation, as amended and as in effect on the date hereof (the "**Certificate of Incorporation**"), and the Company's Bylaws, as amended and as in effect on the date hereof (the "**Bylaws**"), and the terms of all securities convertible into, or exercisable or exchangeable for, shares of Common Stock and the material rights of the holders thereof in respect thereto.

(s) **Indebtedness and Other Contracts.** Except as disclosed in Schedule 3(s), neither the Company nor any of its Subsidiaries (i) has any outstanding Indebtedness (as defined below), (ii) is a party to any contract, agreement or instrument, the violation of which, or default under which, by the other party(ies) to such contract, agreement or instrument could reasonably be expected to result in a Material Adverse Effect, (iii) is in violation of any term of or in default under any contract, agreement or instrument relating to any Indebtedness, except where such violations and defaults would not result, individually or in the aggregate, in a Material Adverse Effect, or (iv) is a party to any contract, agreement or instrument relating to any Indebtedness, the performance of which, in the judgment of the Company's officers, has or is expected to have a Material Adverse Effect. Schedule 3(s) provides a detailed description of the material terms of any such outstanding Indebtedness. For purposes of this Agreement: (x) "**Indebtedness**" of any Person means, without duplication (A) all indebtedness for borrowed money, (B) all obligations issued, undertaken or assumed as the deferred purchase price of property or services, including, without limitation, "capital leases" in accordance with United States generally accepted accounting principles (other than trade payables entered into in the ordinary course of business), (C) all reimbursement or payment obligations with respect to letters of credit, surety bonds and other similar instruments, (D) all obligations evidenced by notes, bonds, debentures or similar instruments, including obligations so evidenced incurred in connection with the acquisition of property, assets or businesses, (E) all indebtedness created or arising under any conditional sale

or other title retention agreement, or incurred as financing, in either case with respect to any property or assets acquired with the proceeds of such indebtedness (even though the rights and remedies of the seller or bank under such agreement in the event of default are limited to repossession or sale of such property), (F) all monetary obligations under any leasing or similar arrangement which, in connection with generally accepted accounting principles, consistently applied for the periods covered thereby, is classified as a capital lease, (G) all indebtedness referred to in clauses (A) through (F) above secured by (or for which the holder of such Indebtedness has an existing right, contingent or otherwise, to be secured by) any mortgage, lien, pledge, charge, security interest or other encumbrance upon or in any property or assets (including accounts and contract rights) owned by any Person, even though the Person which owns such assets or property has not assumed or become liable for the payment of such indebtedness, and (H) all Contingent Obligations in respect of indebtedness or obligations of others of the kinds referred to in clauses (A) through (G) above; (y) “**Contingent Obligation**” means, as to any Person, any direct or indirect liability, contingent or otherwise, of that Person with respect to any indebtedness, lease, dividend or other obligation of another Person if the primary purpose or intent of the Person incurring such liability, or the primary effect thereof, is to provide assurance to the obligee of such liability that such liability will be paid or discharged, or that any agreements relating thereto will be complied with, or that the holders of such liability will be protected (in whole or in part) against loss with respect thereto; and (z) “**Person**” means an individual, a limited liability company, a partnership, a joint venture, a corporation, a trust, an unincorporated organization and a government or any department or agency thereof.

(t) Absence of Litigation. There is no action, suit, proceeding, inquiry or investigation before or by the Principal Market, any court, public board, government agency, self-regulatory organization or body pending or, to the knowledge of the Company, threatened against or affecting the Company or any of its Subsidiaries, the Common Stock or any of the Company’s Subsidiaries or any of the Company’s or its Subsidiaries’ officers or directors in their capacities as such, except as set forth in Schedule 3(t). The matters set forth in Schedule 3(t), would not reasonably be expected to have a Material Adverse Effect.

(u) Insurance. The Company and each of its Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as management of the Company believes to be prudent and customary in the businesses in which the Company and its Subsidiaries are engaged. Neither the Company nor any such Subsidiary has been refused any insurance coverage sought or applied for and neither the Company nor any such 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 at a cost that would not have a Material Adverse Effect.

(v) Employee Relations.

(i) Neither the Company nor any of its Subsidiaries is a party to any collective bargaining agreement or employs any member of a union. The Company and its Subsidiaries believe that their relations with their employees are good. No executive officer of the Company or any of its Subsidiaries (as defined in Rule 501(f) of the 1933 Act) has notified the Company or any such Subsidiary that such officer intends to leave the Company or any such

Subsidiary or otherwise terminate such officer's employment with the Company or any such Subsidiary. No executive officer of the Company or any of its Subsidiaries, to the knowledge of the Company or any of its Subsidiaries, is, or is now expected to be, in violation of any material term of any employment contract, confidentiality, disclosure or proprietary information agreement, non-competition agreement, or any other contract or agreement or any restrictive covenant, 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.

(ii) The Company and its Subsidiaries are in compliance with all federal, state, local and foreign laws and regulations respecting labor, employment and employment practices and benefits, terms and conditions of employment and wages and hours, except where failure to be in compliance would not, either individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect.

(w) Title. The Company and its Subsidiaries have good and marketable title in fee simple to all real property and good and marketable title to all personal property owned by them which is material to the business of the Company and its Subsidiaries, in each case free and clear of all liens, encumbrances and defects except such as do not materially affect the value of such property and do not interfere with the use made and proposed to be made of such property by the Company and any of its Subsidiaries. Any real property and facilities held under lease by the Company and any of its Subsidiaries are held by them under valid, subsisting and enforceable leases with such exceptions as are not material and do not interfere with the use made and proposed to be made of such property and buildings by the Company and its Subsidiaries.

(x) Intellectual Property Rights. The Company and its Subsidiaries own or possess adequate rights or licenses to use all trademarks, trade names, service marks, service mark registrations, service names, original works of authorship, patents, patent rights, copyrights, inventions, licenses, approvals, governmental authorizations, trade secrets and other intellectual property rights and all applications and registrations therefor ("**Intellectual Property Rights**") necessary to conduct their respective businesses as now conducted. Except as set forth in Schedule 3(x), none of the Company's Intellectual Property Rights have expired or terminated or have been abandoned or are expected to expire or terminate or are expected to be abandoned, within three years from the date of this Agreement. The Company does not have any knowledge of any infringement by the Company or its Subsidiaries of Intellectual Property Rights of others. There is no claim, action or proceeding being made or brought, or to the knowledge of the Company or any of its Subsidiaries, being threatened, against the Company or any of its Subsidiaries regarding its Intellectual Property Rights. Neither the Company nor any of its Subsidiaries is aware of any facts or circumstances which might give rise to any of the foregoing infringements or claims, actions or proceedings. The Company and its Subsidiaries have taken reasonable security measures to protect the secrecy, confidentiality and value of all of their Intellectual Property Rights.

(y) Environmental Laws. The Company and its Subsidiaries (i) are in compliance with any and all Environmental Laws (as hereinafter defined), (ii) have received all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses and (iii) are in compliance with all terms and conditions of any such permit, license or approval where, in each of the foregoing clauses (i), (ii) and (iii), the

failure to so comply could be reasonably expected to have, individually or in the aggregate, a Material Adverse Effect. The term “**Environmental Laws**” means all federal, state, local or foreign laws relating to pollution or protection of human health or the environment (including, without limitation, ambient air, surface water, groundwater, land surface or subsurface strata), including, without limitation, laws relating to emissions, discharges, releases or threatened releases of chemicals, pollutants, contaminants, or toxic or hazardous substances or wastes (collectively, “**Hazardous Materials**”) into the environment, or otherwise relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials, as well as all authorizations, codes, decrees, demands or demand letters, injunctions, judgments, licenses, notices or notice letters, orders, permits, plans or regulations issued, entered, promulgated or approved thereunder.

(z) Subsidiary Rights. The Company or one of its Subsidiaries has the unrestricted right to vote, and (subject to limitations imposed by applicable law) to receive dividends and distributions on, all capital securities of its Subsidiaries as owned by the Company or such Subsidiary.

(aa) Investment Company Status. The Company is not, and upon consummation of the sale of the Securities, and for so long any Buyer holds any Securities, will not be, an “investment company,” a company controlled by an “investment company” or an “affiliated person” of, or “promoter” or “principal underwriter” for, an “investment company” as such terms are defined in the Investment Company Act of 1940, as amended.

(bb) Tax Status. The Company and each of its Subsidiaries (i) has made or filed all foreign, U.S. federal and state income and all other tax returns, reports and declarations required by any jurisdiction to which it is subject, (ii) has paid all taxes and other governmental assessments and charges that are material in amount, shown or determined to be due on such returns, reports and declarations, except those being contested in good faith and (iii) has set aside on its books provision reasonably adequate for the payment of all taxes for periods subsequent to the periods to which such returns, reports or declarations apply. There are no unpaid taxes in any material amount claimed to be due by the taxing authority of any jurisdiction, and the officers of the Company know of no basis for any such claim.

(cc) Internal Accounting and Disclosure Controls. The Company and each of its 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 generally accepted accounting principles and to maintain asset and liability accountability, (iii) access to assets or incurrence of liabilities is permitted only in accordance with management’s general or specific authorization and (iv) the recorded accountability for assets and liabilities is compared with the existing assets and liabilities at reasonable intervals and appropriate action is taken with respect to any difference. The Company maintains disclosure controls and procedures (as such term is defined in Rule 13a-15 under the 1934 Act) that are effective in ensuring that information required to be disclosed by the Company in the reports that it files or submits under the 1934 Act is recorded, processed, summarized and reported, within the time periods specified in the rules and forms of the SEC, including, without limitation, controls and procedures designed in to ensure that information

required to be disclosed by the Company in the reports that it files or submits under the 1934 Act is accumulated and communicated to the Company's management, including its principal executive officer or officers and its principal financial officer or officers, as appropriate, to allow timely decisions regarding required disclosure. During the twelve months prior to the date hereof neither the Company nor any of its Subsidiaries has received any notice or correspondence from any accountant relating to any material weakness in any part of the system of internal accounting controls of the Company or any of its Subsidiaries.

(dd) Off Balance Sheet Arrangements. There is no transaction, arrangement, or other relationship between the Company and an unconsolidated or other off balance sheet entity that is required to be disclosed by the Company in its 1934 Act filings and is not so disclosed or that otherwise would be reasonably likely to have a Material Adverse Effect.

(ee) Eligibility for Registration. The Company is eligible to register the Common Shares and the Warrant Shares for resale by the Buyers using Form S-3 promulgated under the 1933 Act in accordance with the Registration Rights Agreement.

(ff) Transfer Taxes. On the Closing Date, all stock transfer or other taxes (other than income or similar taxes) which are required to be paid in connection with the sale and transfer of the Securities to be sold to each Buyer hereunder will be, or will have been, fully paid or provided for by the Company, and all laws imposing such taxes will be or will have been complied with.

(gg) Manipulation of Price. The Company has not, and to its knowledge no one acting on its behalf has, (i) taken, directly or indirectly, any action designed to cause or to result, or that could reasonably be expected to cause or result, in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Securities, (ii) other than the Placement Agent, sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Securities, or (iii) other than the Placement Agent, paid or agreed to pay to any person any compensation for soliciting another to purchase any Securities.

(hh) Acknowledgement Regarding Buyers' Trading Activity. It is understood and acknowledged by the Company that (i) none of the Buyers has been asked to agree, nor has any Buyer agreed, to desist from purchasing or selling, long and/or short, securities of the Company, or "derivative" securities based on securities issued by the Company or to hold the Securities for any specified term; (ii) any Buyer, and counter-parties in "derivative" transactions to which any such Buyer is a party, directly or indirectly, presently may have a "short" position in the Common Stock, and (iii) each Buyer shall not be deemed to have any affiliation with or control over any arm's length counter-party in any "derivative" transaction. The Company further understands and acknowledges that following the public disclosure of the transactions contemplated by the Transaction Documents, one or more Buyers may engage in hedging and/or trading activities at various times during the period that the Securities are outstanding, including, without limitation, during the periods that the value of the Warrant Shares and/or the Adjustment Shares are being determined and (b) such hedging and/or trading activities, if any, can reduce the value of the existing stockholders' equity interest in the Company both at and after the time the hedging and/or trading activities are being conducted. The Company acknowledges that such aforementioned hedging and/or trading activities do not

constitute a breach of this Agreement, the Warrants or any of the documents executed in connection herewith.

(ii) U.S. Real Property Holding Corporation. The Company is not, has never been, and so long as any Securities remain outstanding, shall not become, a U.S. real property holding corporation within the meaning of Section 897 of the Internal Revenue Code of 1986, as amended, and the Company shall so certify upon any Buyer's request.

(jj) Bank Holding Company Act. Neither the Company nor any of its Subsidiaries or affiliates is subject to the Bank Holding Company Act of 1956, as amended (the "**BHCA**") and to regulation by the Board of Governors of the Federal Reserve System (the "**Federal Reserve**"). Neither the Company nor any of its Subsidiaries or affiliates owns or controls, directly or indirectly, five percent (5%) or more of the outstanding shares of any class of voting securities or twenty-five percent (25%) or more of the total equity of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve. Neither the Company nor any of its Subsidiaries or affiliates exercises a controlling influence over the management or policies of a bank or any entity that is subject to the BHCA and to regulation by the Federal Reserve.

(kk) No Additional Agreements. The Company does not have any agreement or understanding with any Buyer with respect to the transactions contemplated by the Transaction Documents other than as specified in the Transaction Documents.

(ll) Disclosure. The Company confirms that neither it nor any other Person acting on its behalf has provided any of the Buyers or their agents or counsel with any information that constitutes or could reasonably be expected to constitute material, nonpublic information, other than the existence of the transactions contemplated by this Agreement and the other Transaction Documents. The Company understands and confirms that each of the Buyers will rely on the foregoing representations in effecting transactions in securities of the Company. All disclosure provided to the Buyers regarding the Company, or any of its Subsidiaries, their business and the transactions contemplated hereby, including the disclosure schedules to this Agreement, furnished by or on behalf of the Company 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 the light of the circumstances under which they were made, not misleading. Each press release issued by the Company or any of its Subsidiaries during the twelve (12) months preceding the date of this Agreement did not at the time of release contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. No event or circumstance has occurred or information exists with respect to the Company or any of its Subsidiaries or its or their business, properties, prospects, operations or financial conditions, which, under applicable law, rule or regulation, requires public disclosure or announcement by the Company but which has not been so publicly announced or disclosed. The Company acknowledges and agrees that no Buyer makes or has made any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 2.

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

(nn) Stock Option Plans. Each stock option granted by the Company was granted (i) in accordance with the terms of the applicable Company stock option plan except as disclosed on Schedule 3(nn) and (ii) with an exercise price at least equal to the fair market value of the Common Stock on the date such stock option would be considered granted under United States Generally Accepted Accounting Principals, consistently applied, and applicable law. No stock option granted under the Company's stock option plan has been backdated. The Company has not knowingly granted, and there is no and has been no Company policy or practice to knowingly grant, stock options prior to, or otherwise knowingly coordinate the grant of stock options with, the release or other public announcement of material information regarding the Company or its Subsidiaries or their financial results or prospects.

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

(pp) No Additional Issuances. All securities issuable under that certain Securities Purchase Agreement, dated as of March 17, 2011, by and among the Company and Ironridge Global BioPharma (the "**Ironridge SPA**") have been issued and the Company has no further right or obligation to deliver any notices under, or issue any securities pursuant to, the Ironridge SPA.

(qq) Novogen. The Company consummated the transactions contemplated by the Asset Purchase Agreement, dated as of December 21, 2010, by and among the Company, Novogen and Novogen Research Ptd Limited pursuant to the terms set forth in such agreement that is attached to the Current Report of Form 8-K filed by the Company on December 22, 2010.

4. COVENANTS.

(a) Best Efforts. Each party shall use its best efforts timely to satisfy each of the covenants and the conditions to be satisfied by it as provided in Sections 6 and 7 of this Agreement.

(b) Form D and Blue Sky. The Company agrees to file a Form D with respect to the Securities if required under Regulation D and to provide a copy thereof to each Buyer promptly after such filing. The Company shall, on or before the Closing Date, 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 Buyers at the Closing pursuant to this Agreement under applicable securities or "Blue Sky" laws of the states of the United States (or to obtain an exemption from such qualification), and shall provide evidence of any such action so taken to the Buyers on or prior to the Closing Date. The Company shall make all filings and reports relating

to the offer and sale of the Securities required under applicable securities or “Blue Sky” laws of the states of the United States following the Closing Date, if any.

(c) Reporting Status. Until the date on which the Investors (as defined in the Registration Rights Agreement) shall have sold all the Warrant Shares and none of the Warrants are outstanding (the “**Reporting Period**”), the Company shall timely file all reports required to be filed with the SEC pursuant to the 1934 Act, and the Company shall not terminate its status as an issuer required to file reports under the 1934 Act even if the 1934 Act or the rules and regulations thereunder should no longer require or otherwise permit such termination, and the Company shall take all actions necessary to maintain its eligibility to register the Warrant Shares for resale by the Investors on Form S-1.

(d) Use of Proceeds. The Company will use proceeds from the sale of the Securities for general corporate and for working capital purposes but not for (i) the repayment of any outstanding Indebtedness of the Company or any of its Subsidiaries or (ii) the redemption or repurchase of any of its or its Subsidiaries’ equity securities.

(e) Financial Information. The Company agrees to send the following to each Investor during the Reporting Period (i) unless the following are filed with the SEC through EDGAR and are available to the public through the EDGAR system, within one (1) Business Day after the filing thereof with the SEC, a copy of its Annual Reports on Form 10-K, any Quarterly Reports on Form 10-Q, any Current Reports on Form 8-K (or any analogous reports under the 1934 Act) and any registration statements (other than on Form S-8) or amendments filed pursuant to the 1933 Act, and (ii) copies of any notices and other information made available or given to the stockholders of the Company generally, contemporaneously with the making available or giving thereof to the stockholders. As used herein, “**Business Day**” means any day other than Saturday, Sunday or other day on which commercial banks in The City of New York are authorized or required by law to remain closed.

(f) Listing.

(i) The Company shall promptly secure the listing of all of the Registrable Securities (as defined in the Registration Rights Agreement) upon each national securities exchange and automated quotation system, if any, upon which the Common Stock is then listed (subject to official notice of issuance) and shall maintain such listing of all Registrable Securities from time to time issuable under the terms of the Transaction Documents. The Company shall maintain the authorization for quotation of the Common Stock on the Principal Market. Neither the Company nor any of its Subsidiaries shall take any action which would be reasonably expected to result in the delisting or suspension of the Common Stock on the Principal Market. The Company shall pay all fees and expenses in connection with satisfying its obligations under this Section 4(f).

(g) Fees. The Company shall reimburse Hudson Bay (a Buyer) or its designee(s) (in addition to any other expense amounts paid to any Buyer or its counsel prior to the date of this Agreement) for all documented reasonable out of pocket costs and expenses incurred to third parties in connection with the transactions contemplated by the Transaction Documents (including all reasonable legal fees and disbursements in connection therewith,

documentation and implementation of the transactions contemplated by the Transaction Documents and due diligence in connection therewith) up to a maximum of \$93,000 (and Hudson Bay acknowledges that the Company has paid Hudson Bay's counsel a \$25,000 advance), which amount may be withheld by such Buyer from its Purchase Price at the Closing. The Company shall be responsible for the payment of any placement agent's fees, financial advisory fees, or broker's commissions (other than for Persons engaged by any Buyer) relating to or arising out of the transactions contemplated hereby, including, without limitation, any fees or commissions payable to the Placement Agent. The Company shall pay, and hold each Buyer harmless against, any liability, loss or expense (including, without limitation, reasonable attorney's fees and out-of-pocket expenses) arising in connection with any claim relating to any such payment. Except as otherwise set forth in the Transaction Documents, each party to this Agreement shall bear its own expenses in connection with the sale of the Securities to the Buyers.

(h) Pledge of Securities. The Company acknowledges and agrees that the Securities may be pledged by an Investor (as defined in the Registration Rights Agreement) in connection with a bona fide margin agreement or other loan or financing arrangement that is secured by the Securities. The pledge of Securities shall not be deemed to be a transfer, sale or assignment of the Securities hereunder, and no Investor effecting a pledge of Securities shall be required to provide the Company with any notice thereof or otherwise make any delivery to the Company pursuant to this Agreement or any other Transaction Document, including, without limitation, Section 2(f) hereof; provided that an Investor and its pledgee shall be required to comply with the provisions of Section 2(g) hereof in order to effect a sale, transfer or assignment of Securities to such pledgee. The Company hereby agrees to execute and deliver such documentation as a pledgee of the Securities may reasonably request in connection with a pledge of the Securities to such pledgee by an Investor.

(i) Disclosure of Transactions and Other Material Information. On or before 8:30 a.m., New York City time, on the first Business Day after this Agreement has been executed, the Company shall file a Current Report on Form 8-K describing the terms of the transactions contemplated by the Transaction Documents in the form required by the 1934 Act and attaching the material Transaction Documents (including, without limitation, this Agreement (and all schedules and exhibits to this Agreement), the form of the Registration Rights Agreement, the form of Lock-Up Agreement and the form of Voting Agreement as exhibits to such filing (including all attachments, the "**8-K Filing**"). From and after the filing of the 8-K Filing with the SEC, no Buyer shall be in possession of any material, nonpublic information received from the Company, any of its Subsidiaries or any of their respective officers, directors, employees or agents, that is not disclosed in the 8-K Filing. The Company shall not, and shall cause each of its Subsidiaries and its and each of their respective officers, directors, employees and agents, not to, provide any Buyer with any material, nonpublic information regarding the Company or any of its Subsidiaries from and after the filing of the 8-K Filing with the SEC without the express prior written consent of such Buyer. If a Buyer has, or believes it has, received any such material, nonpublic information regarding the Company or any of its Subsidiaries from the Company, any of its Subsidiaries or any of their respective officers, directors, affiliates or agents, it may provide the Company with written notice thereof. The

Company shall, within two (2) Trading Days (as defined in the Warrants) of receipt of such notice, make public disclosure of such material, nonpublic information. In the event of a breach of the foregoing covenant by the Company, any of its Subsidiaries, or any of its or their respective officers, directors, employees and agents, in addition to any other remedy provided herein or in the Transaction Documents, a Buyer shall have the right to make a public disclosure, in the form of a press release, public advertisement or otherwise, of such material, nonpublic information without the prior approval by the Company, its Subsidiaries, or any of its or their respective officers, directors, employees or agents. No Buyer shall have any liability to the Company, its Subsidiaries, or any of its or their respective officers, directors, employees, stockholders or agents for any such disclosure. To the extent that the Company delivers any material, non-public information to a Buyer without such Buyer's consent, the Company hereby covenants and agrees that such Buyer shall not have any duty of confidentiality with respect to, or a duty not to trade on the basis of, such material, non-public information. Subject to the foregoing, neither the Company, its Subsidiaries nor any Buyer shall issue any press releases or any other public statements with respect to the transactions contemplated hereby; provided, however, that the Company shall be entitled, without the prior approval of any Buyer, to make any press release or other public disclosure with respect to such transactions (i) in substantial conformity with the 8-K Filing and contemporaneously therewith and (ii) as is required by applicable law and regulations (provided that in the case of clause (i) each Buyer shall be consulted by the Company in connection with any such press release or other public disclosure prior to its release). Without the prior written consent of any applicable Buyer, neither the Company nor any of its Subsidiaries or affiliates shall disclose the name of such Buyer in any filing, announcement, release or otherwise.

(j) Variable Securities; Dilutive Issuances. For so long as any Warrants remain outstanding, the Company shall not, in any manner, issue or sell any rights, warrants or options to subscribe for or purchase Common Stock or directly or indirectly convertible into or exchangeable or exercisable for Common Stock at a price which varies or may vary with the market price of the Common Stock, including by way of one or more reset(s) to any fixed price unless the conversion, exchange or exercise price of any such security cannot be less than the then applicable Exercise Price (as defined in the Warrants) with respect to the Common Stock into which any Warrant is exercisable. For so long as any Warrants remain outstanding, the Company shall not, in any manner, enter into agreement or affect any Dilutive Issuance (as defined in the Warrants) if the effect of such Dilutive Issuance is to cause the Company to be required to issue upon exercise of any Warrant any Common Stock in excess of that number of shares of Common Stock which the Company may issue upon exercise of the Warrants without breaching the Company's obligations under the rules or regulations of the Principal Market or any applicable Eligible Market, and for purposes of the foregoing, without giving effect to (w) any limitations on exercise contained in the Warrants and (y) any applicable Exercise Floor Price (as defined in the Warrants) (the "**Securities Limitations**"). For so long as any Warrants are outstanding, unless or until the Stockholder Approval (as defined below) has been obtained, the Company shall not take any action if the effect of such action would be to cause the Exercise Price to be reduced, and for purposes of the foregoing, without giving effect to any Securities Limitations.

(k) Corporate Existence. So long as any Buyer beneficially owns any Securities, the Company shall maintain its corporate existence and shall not be party to any

Fundamental Transaction (as defined in the Warrants) unless the Company is in compliance with the applicable provisions governing Fundamental Transactions set forth in the Warrants.

(l) Reservation of Shares. So long as any Buyer owns any Securities, the Company shall take all action necessary to at all times after the Stockholder Approval (as defined below) have authorized, and reserved for the purpose of issuance, no less than 100% of the maximum number of shares of Common Stock issuable upon exercise of the Warrants then outstanding (without taking into account any limitations on exercise of the Warrants set forth in the Warrants). If at any time the number of shares of Common Stock authorized and reserved for issuance is not sufficient to meet the Required Reserved Amount, the Company will promptly take all corporate action necessary to authorize and reserve a sufficient number of shares, including, without limitation, calling a special meeting of stockholders to authorize additional shares to meet the Company's obligations under Section 3(c), in the case of an insufficient number of authorized shares, obtain stockholder approval of an increase in such authorized number of shares, and voting the management shares of the Company in favor of an increase in the authorized shares of the Company to ensure that the number of authorized shares is sufficient to meet the Required Reserved Amount.

(m) Conduct of Business. The business of the Company and its Subsidiaries shall not be conducted in violation of any law, ordinance or regulation of any governmental entity, except where such violations would not result, either individually or in the aggregate, in a Material Adverse Effect.

(n) Additional Issuances of Securities.

(i) [Intentionally Omitted].

(ii) From the date hereof until the earlier of (i) the date ninety (90) days after the date when all Registrable Securities (as defined in the Registration Rights Agreement) have been registered and (ii) the date thirteen (13) months after the Closing Date (the "**Trigger Date**"), the Company will not, directly or indirectly, file any registration statement with the SEC other than the Registration Statement (as defined in the Registration Rights Agreement) and other than pre-effective amendments with respect to the Registration Statement filed by the Company on Form S-3 on April 1, 2011. From the date hereof until the Trigger Date, the Company will not, (i) directly or indirectly, offer, sell, grant any option to purchase, or otherwise dispose of (or announce any offer, sale, grant or any option to purchase or other disposition of) any of its or its Subsidiaries' equity or equity equivalent securities, including without limitation any debt, preferred stock or other instrument or security that is, at any time during its life and under any circumstances, convertible into or exchangeable or exercisable for Common Stock or Common Stock Equivalents (any such offer, sale, grant, disposition or announcement being referred to as a "**Subsequent Placement**"), or (ii) be party to any solicitations, negotiations or discussions with regard to the foregoing.

(iii) From the date hereof until the eighteen month anniversary of the Closing Date, the Company will not, directly or indirectly, effect any Subsequent Placement unless the Company shall have first complied with this Section 4(n)(iii).

(1) The Company shall deliver to each Buyer an irrevocable written notice (the “**Offer Notice**”) of any proposed or intended issuance or sale or exchange (the “**Offer**”) of the securities being offered (the “**Offered Securities**”) in a Subsequent Placement, which Offer Notice shall (w) identify and describe the Offered Securities, (x) describe the price and other terms upon which they are to be issued, sold or exchanged, and the number or amount of the Offered Securities to be issued, sold or exchanged, (y) identify the persons or entities (if known) to which or with which the Offered Securities are to be offered, issued, sold or exchanged and (z) offer to issue and sell to or exchange with such Buyers thirty-five percent (35%) of the Offered Securities, allocated among such Buyers (a) based on such Buyer’s pro rata portion of the Common Shares purchased hereunder (the “**Basic Amount**”), and (b) with respect to each Buyer that elects to purchase its Basic Amount, any additional portion of the Offered Securities attributable to the Basic Amounts of other Buyers as such Buyer shall indicate it will purchase or acquire should the other Buyers subscribe for less than their Basic Amounts (the “**Undersubscription Amount**”), which process shall be repeated until the Buyers shall have an opportunity to subscribe for any remaining Undersubscription Amount.

(2) To accept an Offer, in whole or in part, such Buyer must deliver a written notice to the Company prior to the end of the fifth (5th) Business Day after such Buyer’s receipt of the Offer Notice (the “**Offer Period**”), setting forth the portion of such Buyer’s Basic Amount that such Buyer elects to purchase and, if such Buyer shall elect to purchase all of its Basic Amount, the Undersubscription Amount, if any, that such Buyer elects to purchase (in either case, the “**Notice of Acceptance**”). If the Basic Amounts subscribed for by all Buyers are less than the total of all of the Basic Amounts, then each Buyer who has set forth an Undersubscription Amount in its Notice of Acceptance shall be entitled to purchase, in addition to the Basic Amounts subscribed for, the Undersubscription Amount it has subscribed for; provided, however, that if the Undersubscription Amounts subscribed for exceed the difference between the total of all the Basic Amounts and the Basic Amounts subscribed for (the “**Available Undersubscription Amount**”), each Buyer who has subscribed for any Undersubscription Amount shall be entitled to purchase only that portion of the Available Undersubscription Amount as the Basic Amount of such Buyer bears to the total Basic Amounts of all Buyers that have subscribed for Undersubscription Amounts, subject to rounding by the Company to the extent its deems reasonably necessary. Notwithstanding anything to the contrary contained herein, if the Company desires to modify or amend the terms and conditions of the Offer prior to the expiration of the Offer Period, the Company may deliver to the Buyers a new Offer Notice and the Offer Period shall expire on the fifth (5th) Business Day after such Buyer’s receipt of such new Offer Notice.

(3) The Company shall have ten (10) Business Days from the expiration of the Offer Period above to offer, issue, sell or exchange all or any part of such Offered Securities as to which a Notice of Acceptance has not been given by the Buyers (the “**Refused Securities**”) pursuant to a definitive

agreement (the “**Subsequent Placement Agreement**”) but only to the offerees described in the Offer Notice (if so described therein) and only upon terms and conditions (including, without limitation, unit prices and interest rates) that are not more favorable to the acquiring person or persons or less favorable to the Company than those set forth in the Offer Notice and (ii) to publicly announce (a) the execution of such Subsequent Placement Agreement, and (b) either (x) the consummation of the transactions contemplated by such Subsequent Placement Agreement or (y) the termination of such Subsequent Placement Agreement, which shall be filed with the SEC on a Current Report on Form 8-K with such Subsequent Placement Agreement and any documents contemplated therein filed as exhibits thereto.

(4) In the event the Company shall propose to sell less than all the Refused Securities (any such sale to be in the manner and on the terms specified in Section 4(n)(iii)(3) above), then each Buyer may, at its sole option and in its sole discretion, reduce the number or amount of the Offered Securities specified in its Notice of Acceptance to an amount that shall be not less than the number or amount of the Offered Securities that such Buyer elected to purchase pursuant to Section 4(n)(iii)(2) above multiplied by a fraction, (i) the numerator of which shall be the number or amount of Offered Securities the Company actually proposes to issue, sell or exchange (including Offered Securities to be issued or sold to Buyers pursuant to Section 4(n)(iii)(3) above prior to such reduction) and (ii) the denominator of which shall be the original amount of the Offered Securities. In the event that any Buyer so elects to reduce the number or amount of Offered Securities specified in its Notice of Acceptance, the Company may not issue, sell or exchange more than the reduced number or amount of the Offered Securities unless and until such securities have again been offered to the Buyers in accordance with Section 4(n)(iii)(1) above.

(5) Upon the closing of the issuance, sale or exchange of all or less than all of the Refused Securities, the Buyers shall acquire from the Company, and the Company shall issue to the Buyers, the number or amount of Offered Securities specified in the Notices of Acceptance, as reduced pursuant to Section 4(n)(iii)(3) above if the Buyers have so elected, upon the terms and conditions specified in the Offer. The purchase by the Buyers of any Offered Securities is subject in all cases to the preparation, execution and delivery by the Company and the Buyers of a purchase agreement relating to such Offered Securities reasonably satisfactory in form and substance to the Buyers and their respective counsel, provided that a securities purchase agreement on terms as favorable and no more burdensome than the terms hereof shall be deemed reasonably satisfactory.

(6) Any Offered Securities not acquired by the Buyers or other persons in accordance with Section 4(n)(iii)(3) above may not be issued, sold or exchanged until they are again offered to the Buyers under the procedures specified in this Agreement.

(7) The Company and the Buyers agree that if any Buyer elects to participate in the Offer, (x) neither the Subsequent Placement Agreement with respect to such Offer nor any other transaction documents related thereto (collectively, the “**Subsequent Placement Documents**”) shall include any term or provisions whereby any Buyer shall be required to agree to any restrictions in trading as to any securities of the Company owned by such Buyer prior to such Subsequent Placement, and (y) any registration rights set forth in such Subsequent Placement Documents shall be similar in all material respects to the registration rights contained in the Registration Rights Agreement.

(8) Notwithstanding anything to the contrary in this Section 4(n) and unless otherwise agreed to by the Buyers, the Company shall either confirm in writing to the Buyers that the transaction with respect to the Subsequent Placement has been abandoned or shall publicly disclose its intention to issue the Offered Securities, in either case in such a manner such that the Buyers will not be in possession of material non-public information, by the fifteenth (15th) Business Day following delivery of the Offer Notice. If by the fifteenth (15th) Business Day following delivery of the Offer Notice no public disclosure regarding a transaction with respect to the Offered Securities has been made, and no notice regarding the abandonment of such transaction has been received by the Buyers, such transaction shall be deemed to have been abandoned and the Buyers shall not be deemed to be in possession of any material, non-public information with respect to the Company. Should the Company decide to pursue such transaction with respect to the Offered Securities, the Company shall provide each Buyer with another Offer Notice and each Buyer will again have the right of participation set forth in this Section 4(n)(iii). The Company shall not be permitted to deliver more than one such Offer Notice to the Buyers in any 60 day period.

(iv) The restrictions contained in subsections (ii) and (iii) of this Section 4(n) shall not apply in connection with the issuance of any Excluded Securities. As used herein, “**Excluded Securities**” means: (i) any equity or equity equivalent security of the Company issued or issuable, including any shares of Common Stock issued or issuable upon conversion or exercise thereof, in connection with any Approved Stock Plan, (ii) any shares of Common Stock issued or issuable upon exercise of any Warrants, (iii) any shares of Common Stock issued or issuable upon conversion of any Options or Convertible Securities which are outstanding on the day immediately preceding the Subscription Date, provided that the terms of such Options or Convertible Securities are not amended, modified or changed on or after the Subscription Date, (iv) the shares of Common Stock issuable to Novogen upon conversion of the Series A Preferred Stock issued to Novogen pursuant to the Asset Purchase Agreement on the terms set forth in the certificate of designations attached as Exhibit A to the Asset Purchase Agreement and (v) any shares of Common Stock issued or issuable upon exercise of the warrants to purchase Common Stock issued to the Placement Agent on the Closing Date as set forth in Schedule 3(r). In addition, the restrictions contained in subsection (ii) of this Section 4(n) shall not apply, with respect to the issuance of up to an aggregate of \$4,000,000 of Common Stock and warrants to purchase Common Stock (an “**Allowed Subsequent Placement**”), during the period beginning on (a) the later of (i) one hundred twenty (120) days after the Closing Date and

(ii) the date that is the earlier of (A) the date that all Common Shares have been registered pursuant to an effective Registration Statement (as such terms are defined in the Registration Rights Agreement) that is available for the resale of all such Common Shares and (B) the date that all Common Shares can be sold pursuant to Rule 144 without any restrictions or limitations, and ending on (b) the Trigger Date.

(o) **Public Information.** At any time during the period commencing from the six (6) month anniversary of the Closing Date and ending at such time that all of the Securities, if a registration statement is not available for the resale of all of the Securities may be sold without restriction or limitation pursuant to Rule 144 and without the requirement to be in compliance with Rule 144(c)(1), if the Company shall fail for any reason to satisfy the current public information requirement under Rule 144(c) (a “**Public Information Failure**”) then, as partial relief for the damages to any holder of Securities by reason of any such delay in or reduction of its ability to sell the Securities (which remedy shall not be exclusive of any other remedies available at law or in equity), the Company shall pay to each such holder an amount in cash equal to one and a half percent (1.5%) of the aggregate Purchase Price of such holder’s Securities on the day of a Public Information Failure and on every thirtieth day (pro rated for periods totaling less than thirty days) thereafter until the earlier of (i) the date such Public Information Failure is cured and (ii) such time that such public information is no longer required pursuant to Rule 144. The payments to which a holder shall be entitled pursuant to this Section 4(o) are referred to herein as “**Public Information Failure Payments.**” Public Information Failure Payments shall be paid on the earlier of (I) the last day of the calendar month during which such Public Information Failure Payments are incurred and (II) the third Business Day after the event or failure giving rise to the Public Information Failure Payments is cured. In the event the Company fails to make Public Information Failure Payments in a timely manner, such Public Information Failure Payments shall bear interest at the rate of 1.5% per month (prorated for partial months) until paid in full.

(p) **Stockholder Approval.** The Company shall file with the SEC and provide each stockholder of the Company with an information statement complying with the requirements of the 1934 Act, in a form reasonably acceptable to the Buyers after review by Schulte Roth & Zabel LLP at the expense of the Company, informing such stockholders of the actions taken in accordance with the Resolutions and the Stockholder Approval (each as defined below). In addition to the foregoing, if required by any governmental or regulatory agency, the Company shall provide each stockholder entitled to vote at a special or annual meeting of the stockholders of the Company (a “**Stockholder Meeting**”), which shall be called as promptly as practicable after the date hereof, but in no event later than ninety (90) days after the Closing Date (the “**Stockholder Meeting Deadline**”), a proxy statement, in a form reasonably acceptable to the Buyers after review by Schulte Roth & Zabel LLP at the expense of the Company, soliciting each such stockholder’s affirmative vote at the Stockholder Meeting for approval of resolutions (the “**Resolutions**”) providing for (i) the issuance of all of the Securities as described in the Transaction Documents in accordance with applicable law, the provisions of the Bylaws and the rules and regulations of the Principal Market and (ii) to remove any restrictions imposed by the Principal Market on such Securities (such affirmative approval, whether obtained by written consent or at a Stockholder Meeting, being referred to herein as the “**Stockholder Approval**” and the date such approval is obtained, the “**Stockholder Approval Date**”), and the Company shall use its reasonable best efforts to solicit its stockholders’ approval of such Resolutions and to

cause the Board of Directors of the Company to recommend to the stockholders that they approve the Resolutions. The Company shall be obligated to seek to obtain the Stockholder Approval as soon as practicable, but in no event later than the Stockholder Meeting Deadline. If, despite the Company's reasonable best efforts, the Stockholder Approval is not obtained at the Stockholder Meeting, the Company shall cause an additional Stockholder Meeting to be held each calendar quarter thereafter until Stockholder Approval is obtained.

(q) Voting Agreement. The Company shall use its reasonable best efforts to effectuate the transactions contemplated by the Voting Agreement, substantially in the form attached hereto as Exhibit E (the "**Voting Agreement**"), executed by the Company and Novogen (the "**Principal Stockholder**"). The Company shall not amend or waive any provision of the Voting Agreement and shall enforce the provisions of the Voting Agreement in accordance with its terms. If the Principal Stockholder breaches any provisions of the Voting Agreement, the Company shall promptly use its best efforts to seek specific performance of the terms of the Voting Agreement in accordance with Section 4.02 thereof. In addition, if the Company receives any notice from the Principal Stockholder pursuant to the Voting Agreement, the Company shall promptly, but in no event later than two (2) Business Days, deliver a copy of such notice to each Buyer.

(r) Lock-Up. The Company shall not amend or waive any provision of the Lock-Up Agreements (defined below) except to extend the term of the lock-up period and shall enforce the provisions of each Lock-Up Agreements in accordance with its terms. If any officer, director or other Person that is a party to a Lock-Up Agreement breaches any provision of such Lock-Up Agreement, the Company shall promptly use its best efforts to seek specific performance of the terms of the Lock-Up Agreement.

(s) Closing Documents. On or prior to fourteen (14) calendar days after the Closing Date, the Company agrees to deliver, or cause to be delivered, to each Buyer and Schulte Roth & Zabel LLP executed copies of the Transaction Documents, Securities and other document required to be delivered to any party pursuant to Section 7 hereof or otherwise.

5. REGISTER; TRANSFER AGENT INSTRUCTIONS.

(a) Register. The Company shall maintain at its principal executive offices (or such other office or agency of the Company as it may designate by notice to each holder of Securities), a register for the Common Stock and the Warrants in which the Company shall record the name and address of the Person in whose name the Common Stock and the Warrants have been issued (including the name and address of each transferee) and the Warrant Shares issuable upon exercise of the Warrants held by such Person. The Company shall keep the register open and available at all times during business hours for inspection of any Buyer or its legal representatives.

(b) Transfer Agent Instructions. The Company shall issue irrevocable instructions to its transfer agent, and any subsequent transfer agent, to issue certificates or credit shares to the applicable balance accounts at the DTC, registered in the name of each Buyer or its respective nominee(s), for the Common Shares issued at the Closing and the Warrant Shares upon exercise of the Warrants in such amounts as specified from time to time by each Buyer to

the Company upon exercise of the Warrants in the form of Exhibit G attached hereto (the “**Irrevocable Transfer Agent Instructions**”). The Company warrants that no instruction other than the Irrevocable Transfer Agent Instructions referred to in this Section 5(b), and stop transfer instructions to give effect to Section 2(f) hereof, will be given by the Company to its transfer agent, and that the Securities shall otherwise be freely transferable on the books and records of the Company as and to the extent provided in this Agreement and the other Transaction Documents. If a Buyer effects a sale, assignment or transfer of the Securities in accordance with Section 2(f), the Company shall permit the transfer and shall promptly instruct its transfer agent to issue one or more certificates or credit shares to the applicable balance accounts at DTC in such name and in such denominations as specified by such Buyer to effect such sale, transfer or assignment. In the event that such sale, assignment or transfer involves the Warrant Shares sold, assigned or transferred pursuant to an effective registration statement or pursuant to Rule 144, the transfer agent shall issue such Securities to the Buyer, assignee or transferee, as the case may be, without any restrictive legend. The Company acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to a Buyer. Accordingly, the Company acknowledges that the remedy at law for a breach of its obligations under this Section 5(b) will be inadequate and agrees, in the event of a breach or threatened breach by the Company of the provisions of this Section 5(b), that a Buyer shall be entitled, in addition to all other available remedies, to an order and/or injunction restraining any breach and requiring immediate issuance and transfer, without the necessity of showing economic loss and without any bond or other security being required.

6. CONDITIONS TO THE COMPANY’S OBLIGATION TO SELL.

The obligation of the Company hereunder to issue and sell the Common Shares and Warrants to each Buyer at the Closing is subject to the satisfaction, at or before the Closing Date, of each of the following conditions, provided that these conditions are for the Company’s sole benefit and may be waived by the Company at any time in its sole discretion by providing each Buyer with prior written notice thereof:

(i) Such Buyer shall have executed each of the Transaction Documents to which it is a party and delivered the same to the Company.

(ii) Such Buyer shall have delivered to the Company the Purchase Price (less, in the case of Hudson Bay, the amounts withheld pursuant to Section 4(g)) for the Common Shares and the related Warrants being purchased by such Buyer at the Closing by wire transfer of immediately available funds pursuant to the wire instructions provided by the Company.

(iii) The representations and warranties of such Buyer shall be true and correct as of the date when made and as of the Closing Date as though made at that time (except for representations and warranties that speak as of a specific date which shall be true and correct as of such specified date), and such Buyer shall have performed, satisfied and complied in all material respects with the covenants, agreements and conditions required by this Agreement to be performed, satisfied or complied with by such Buyer at or prior to the Closing Date.

(iv) The Buyers shall have delivered to the Company such other documents relating to the transactions contemplated by this Agreement as the Company or its counsel may reasonably request.

7. CONDITIONS TO EACH BUYER'S OBLIGATION TO PURCHASE.

The obligation of each Buyer hereunder to purchase the Common Shares and the Warrants at the Closing is subject to the satisfaction, at or before the Closing Date, of each of the following conditions, provided that these conditions are for each Buyer's sole benefit and may be waived by such Buyer at any time in its sole discretion by providing the Company with prior written notice thereof:

(i) The Company shall have duly executed and delivered to such Buyer (A) each of the Transaction Documents, (B) the Common Shares (allocated in such amounts as such Buyer shall request) and (C) the related Warrants (allocated in such amounts as such Buyer shall request) being purchased by such Buyer at the Closing pursuant to this Agreement.

(ii) Such Buyer and the Placement Agent shall have received the opinion of Morgan, Lewis & Bockius LLP, the Company's outside counsel, dated as of the Closing Date, in substantially the form of Exhibit H attached hereto.

(iii) The Company shall have delivered to such Buyer a copy of the Irrevocable Transfer Agent Instructions, in the form of Exhibit G attached hereto, which instructions shall have been delivered to and acknowledged in writing by the Company's transfer agent.

(iv) The Company shall have delivered to such Buyer a certificate evidencing the incorporation and good standing of the Company and each of its Subsidiaries in such entity's jurisdiction of formation issued by the Secretary of State (or comparable office) of such jurisdiction, as of a date within ten (10) days of the Closing Date.

(v) The Company shall have delivered to such Buyer a certificate evidencing the Company's qualification as a foreign corporation and good standing issued by the Secretary of State (or comparable office) of each jurisdiction in which the Company conducts business, as of a date within ten (10) days of the Closing Date.

(vi) The Company shall have delivered to such Buyer a certified copy of the Certificate of Incorporation as certified by the Secretary of State (or comparable office) of the State of Delaware within ten (10) days of the Closing Date.

(vii) The Company shall have delivered to such Buyer a certificate, executed by the Secretary of the Company and dated as of the Closing Date, as to (i) the resolutions consistent with Section 3(b) as adopted by the Company's Board of Directors in a form reasonably acceptable to such Buyer, (ii) the Certificate of Incorporation and (iii) the Bylaws, each as in effect at the Closing, in the form attached hereto as Exhibit I.

(viii) The representations and warranties of the Company shall be true and correct as of the date when made and as of the Closing Date as though made at that time (except for representations and warranties that speak as of a specific date which shall be true and correct as of such specified date) and the Company shall have performed, satisfied and complied in all respects with the covenants, agreements and conditions required by the Transaction Documents to be performed, satisfied or complied with by the Company at or prior to the Closing Date. Such Buyer shall have received a certificate, executed by the Chief Executive Officer of the Company, dated as of the Closing Date, to the foregoing effect and as to such other matters as may be reasonably requested by such Buyer in the form attached hereto as Exhibit J.

(ix) The Company shall have delivered to each Buyer a lock-up agreement in the form attached hereto as Exhibit K, executed and delivered by the Company and each officer and director of the Company and the Principal Stockholder (the “**Lock-Up Agreements**”).

(x) The Company shall have delivered to such Buyer a letter from the Company’s transfer agent certifying the number of shares of Common Stock outstanding as of a date within five days of the Closing Date.

(xi) The Common Stock (I) shall be designated for quotation or listed on the Principal Market and (II) shall not have been suspended, as of the Closing Date, by the SEC or the Principal Market from trading on the Principal Market nor shall suspension by the SEC or the Principal Market have been threatened, as of the Closing Date, either (A) in writing by the SEC or the Principal Market or (B) by falling below the minimum listing maintenance requirements of the Principal Market.

(xii) The Company shall have obtained all governmental, regulatory or third party consents and approvals, if any, necessary for the sale of the Securities.

(xiii) The Voting Agreement shall have been executed and delivered to such Buyer by the Company and the Principal Stockholder.

(xiv) The Company shall have delivered to such Buyer such other documents relating to the transactions contemplated by this Agreement as such Buyer or its counsel may reasonably request.

8. **TERMINATION.** In the event that the Closing shall not have occurred with respect to a Buyer on or before May 20, 2011 due to the Company's or such Buyer's failure to satisfy the conditions set forth in Sections 6 and 7 above (and the nonbreaching party's failure to waive such unsatisfied condition(s)), the nonbreaching party shall have the option to terminate this Agreement with respect to such breaching party at the close of business on such date without liability of any party to any other party; provided, however, that if this Agreement is terminated pursuant to this Section 8, the Company shall remain obligated to reimburse the non-breaching Buyers for the expenses described in Section 4(g) above.

9. **MISCELLANEOUS.**

(a) Governing Law; Jurisdiction; Jury Trial. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the 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, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address for such notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. **EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS AGREEMENT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

(b) Counterparts. This Agreement may be executed in two or more identical counterparts, all of which shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party; provided that a facsimile signature shall be considered due execution and shall be binding upon the signatory thereto with the same force and effect as if the signature were an original, not a facsimile signature.

(c) Headings. The headings of this Agreement are for convenience of reference and shall not form part of, or affect the interpretation of, this Agreement.

(d) Severability. If any provision of this Agreement is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or

unenforceability of such provision shall not affect the validity of the remaining provisions of this Agreement so long as this Agreement as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

(e) Entire Agreement; Amendments. This Agreement and the other Transaction Documents supersede all other prior oral or written agreements between the Buyers, the Company, their affiliates and Persons acting on their behalf with respect to the matters discussed herein, and this Agreement, the other Transaction Documents and the instruments referenced herein and therein contain the entire understanding of the parties with respect to the matters covered herein and therein and, except as specifically set forth herein or therein, neither the Company nor any Buyer makes any representation, warranty, covenant or undertaking with respect to such matters. No provision of this Agreement may be amended or waived in a manner that is adverse to any Buyer other than by an instrument in writing signed by the Company and the Required Holders. No consideration shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of the Transaction Documents unless the same consideration also is offered to all of the parties to the Transaction Documents. The Company has not, directly or indirectly, made any agreements with any Buyers relating to the terms or conditions of the transactions contemplated by the Transaction Documents except as set forth in the Transaction Documents. Without limiting the foregoing, the Company confirms that, except as set forth in this Agreement, no Buyer has made any commitment or promise or has any other obligation to provide any financing to the Company or otherwise.

(f) Notices. Any notices, consents, waivers or other communications required or permitted to be given under the terms of this Agreement must be in writing and will be deemed to have been delivered: (i) upon receipt, when delivered personally; (ii) upon receipt, when sent by facsimile (provided confirmation of transmission is mechanically or electronically generated and kept on file by the sending party); or (iii) one Business Day after deposit with an overnight courier service, in each case properly addressed to the party to receive the same. The addresses and facsimile numbers for such communications shall be:

If to the Company:

Marshall Edwards Inc.
11975 El Camino Real
Suite 101
San Diego, CA 92130
Telephone: (858) 792-6300
Facsimile: (858) 792-5406
Attention: Secretary

With a copy to:

Morgan, Lewis & Bockius LLP
101 Park Avenue
New York, NY 10178
Telephone: 212-309-6000
Facsimile: 212-309-6001
Attention: Steven Navarro

If to the Transfer Agent:

Computershare Inc.
350 Indiana Street, Suite 750
Golden, CO 80401
Telephone: (303) 262-0678
Facsimile: (303) 262-0610
Attention: Christine Abbey

If to a Buyer, to its address and facsimile number set forth on the Schedule of Buyers, with copies to such Buyer's representatives as set forth on the Schedule of Buyers,

with a copy (for informational purposes only) to:

Schulte Roth & Zabel LLP
919 Third Avenue
New York, New York 10022
Telephone: (212) 756-2000
Facsimile: (212) 593-5955
Attention: Eleazer N. Klein, Esq.
E-mail: eleazer.klein@srz.com

or to such other address and/or facsimile number and/or to the attention of such other Person as the recipient party has specified by written notice given to each other party five (5) days prior to the effectiveness of such change. Written confirmation of receipt (A) given by the recipient of such notice, consent, waiver or other communication, (B) mechanically or electronically generated by the sender's facsimile machine containing the time, date, recipient facsimile number and an image of the first page of such transmission or (C) provided by an overnight courier service shall be rebuttable evidence of personal service, receipt by facsimile or receipt from an overnight courier service in accordance with clause (i), (ii) or (iii) above, respectively.

(g) Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties and their respective successors and assigns, including any purchasers of the Common Shares and the Warrants. The Company shall not assign this Agreement or any rights or obligations hereunder without the prior written consent of Required Holders, including by way of a Fundamental Transaction (unless the Company is in compliance with the applicable

provisions governing Fundamental Transactions set forth in the Warrants). A Buyer may assign some or all of its rights hereunder to any Person to whom such Buyer assigns or transfers any Securities without the consent of the Company, in which event such assignee shall be deemed to be a Buyer hereunder with respect to such assigned rights; provided such Person agrees in writing to be bound by the Transaction Documents.

(h) No Third Party Beneficiaries. This Agreement is intended for the benefit of the parties hereto and their respective permitted successors and assigns, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person.

(i) Survival. Unless this Agreement is terminated under Section 8, the representations and warranties of the Company and the Buyers contained in Sections 2 and 3, and the agreements and covenants set forth in Sections 4, 5 and 9 shall survive the Closing. Each Buyer shall be responsible only for its own representations, warranties, agreements and covenants hereunder.

(j) Further Assurances. Each party shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as any other party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

(k) Indemnification.

(i) In consideration of each Buyer's execution and delivery of the Transaction Documents and acquiring the Securities thereunder and in addition to all of the Company's other obligations under the Transaction Documents, the Company shall defend, protect, indemnify and hold harmless each Buyer and each other holder of the Securities and all of their stockholders, partners, members, officers, directors, employees and direct or indirect investors and any of the foregoing Persons' agents or other representatives (including, without limitation, those retained in connection with the transactions contemplated by this Agreement) (collectively, the "**Indemnitees**") from and against any and all actions, causes of action, suits, claims, losses, costs, penalties, fees, liabilities and damages, and expenses in connection therewith (irrespective of whether any such Indemnitee is a party to the action for which indemnification hereunder is sought), and including reasonable attorneys' fees and disbursements (the "**Indemnified Liabilities**"), incurred by any Indemnitee as a result of, or arising out of, or relating to (a) any misrepresentation or breach of any representation or warranty made by the Company in the Transaction Documents or any other certificate, instrument or document contemplated hereby or thereby, (b) any breach of any covenant, agreement or obligation of the Company contained in the Transaction Documents or any other certificate, instrument or document contemplated hereby or thereby or (c) any cause of action, suit or claim brought or made against such Indemnitee by a third party (including for these purposes a derivative action brought on behalf of the Company) and arising out of or resulting from (i) the execution, delivery, performance or enforcement of the Transaction Documents or any other certificate, instrument or document contemplated hereby or thereby, (ii) any transaction financed or to be financed in whole or in part, directly or indirectly, with the proceeds of the issuance of the Securities, (iii) any disclosure properly made by such Buyer pursuant to Section 4(i), or (iv) the

status of such Buyer or holder of the Securities as an investor in the Company pursuant to the transactions contemplated by the Transaction Documents. To the extent that the foregoing undertaking by the Company may be unenforceable for any reason, the Company shall make the maximum contribution to the payment and satisfaction of each of the Indemnified Liabilities that is permissible under applicable law.

(ii) Promptly after receipt by an Indemnitee under this Section 9(k) of notice of the commencement of any action or proceeding (including any governmental action or proceeding) involving an Indemnified Liability, such Indemnitee shall, if a claim for indemnification in respect thereof is to be made against any indemnifying party under this Section 9(k), deliver to the indemnifying party a written notice of the commencement thereof, and the indemnifying party shall have the right to participate in, and, to the extent the indemnifying party so desires, jointly with any other indemnifying party similarly noticed, to assume control of the defense thereof with counsel mutually satisfactory to the indemnifying party and the Indemnitee; provided, however, that an Indemnitee shall have the right to retain its own counsel with the fees and expenses of not more than one counsel for such Indemnitee to be paid by the indemnifying party, if, in the reasonable opinion of the Indemnitee, the representation by such counsel of the Indemnitee and the indemnifying party would be inappropriate due to actual or potential differing interests between such Indemnitee and any other party represented by such counsel in such proceeding. Legal counsel referred to in the immediately preceding sentence shall be selected by the Buyers holding at least a majority of the Securities issued and issuable hereunder. The Indemnitee shall cooperate fully with the indemnifying party in connection with any negotiation or defense of any such action or Indemnified Liabilities by the indemnifying party and shall furnish to the indemnifying party all information reasonably available to the Indemnitee that relates to such action or Indemnified Liabilities. The indemnifying party shall keep the Indemnitee fully apprised at all times as to the status of the defense or any settlement negotiations with respect thereto. No indemnifying party shall be liable for any settlement of any action, claim or proceeding effected without its prior written consent, provided, however, that the indemnifying party shall not unreasonably withhold, delay or condition its consent. No indemnifying party shall, without the prior written consent of the Indemnitee, which consent shall not be unreasonably withheld conditioned or delayed, consent to entry of any judgment or enter into any settlement or other compromise which (i) does not include as an unconditional term thereof the giving by the claimant or plaintiff to such Indemnitee of a release from all liability in respect to such Indemnified Liabilities or litigation, (ii) requires any admission of wrongdoing by such Indemnitee, or (iii) obligates or requires an Indemnitee to take, or refrain from taking, any action. Following indemnification as provided for hereunder, the indemnifying party shall be subrogated to all rights of the Indemnitee with respect to all third parties, firms or corporations relating to the matter for which indemnification has been made.

(iii) The indemnification required by this Section 9(k) shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or Indemnified Liabilities are incurred.

(ii) The indemnity agreements contained herein shall be in addition to (x) any cause of action or similar right of the Indemnitee against the indemnifying party or others, and (y) any liabilities the indemnifying party may be subject to pursuant to the law.

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

(m) Remedies. Each Buyer and each holder of the Securities shall have all rights and remedies set forth in the Transaction Documents and all rights and remedies which such holders have been granted at any time under any other agreement or contract and all of the rights which such holders have under any law. Any Person having any rights under any provision of this Agreement shall be entitled to enforce such rights specifically (without posting a bond or other security), to recover damages by reason of any breach of any provision of this Agreement and to exercise all other rights granted by law. Furthermore, the Company recognizes that in the event that it fails to perform, observe, or discharge any or all of its obligations under the Transaction Documents, any remedy at law may prove to be inadequate relief to the Buyers. The Company therefore agrees that the Buyers shall be entitled to seek temporary and permanent injunctive relief in any such case without the necessity of proving actual damages and without posting a bond or other security.

(n) Rescission and Withdrawal Right. Notwithstanding anything to the contrary contained in (and without limiting any similar provisions of) the Transaction Documents, whenever any Buyer exercises a right, election, demand or option under a Transaction Document and the Company does not timely perform its related obligations within the periods therein provided, then such Buyer 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.

(o) Payment Set Aside. To the extent that the Company makes a payment or payments to the Buyers hereunder or pursuant to any of the other Transaction Documents or the Buyers enforce or exercise their rights hereunder or 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, foreign, 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.

(p) Independent Nature of Buyers' Obligations and Rights. The obligations of each Buyer under any Transaction Document are several and not joint with the obligations of any other Buyer, and no Buyer shall be responsible in any way for the performance of the obligations of any other Buyer under any Transaction Document. Nothing contained herein or in any other Transaction Document, and no action taken by any Buyer pursuant hereto or thereto, shall be deemed to constitute the Buyers as, and the Company acknowledges that the Buyers do not so constitute, a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Buyers are in any way acting in concert or as a group, and the Company shall not assert any such claim with respect to such obligations or the transactions contemplated by the Transaction Documents and the Company acknowledges that the Buyers are not acting in

concert or as a group with respect to such obligations or the transactions contemplated by the Transaction Documents. The Company acknowledges and each Buyer confirms that it has independently participated in the negotiation of the transaction contemplated hereby with the advice of its own counsel and advisors. Each Buyer shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this Agreement or out of any other Transaction Documents, and it shall not be necessary for any other Buyer to be joined as an additional party in any proceeding for such purpose.

(q) Currency. Unless otherwise indicated, all dollar amounts referred to in this Agreement are in United States Dollars. All amounts owing under this Agreement or any Transaction Document shall be paid in US dollars.

10. CERTAIN DEFINITIONS. The following terms shall have the following meanings:

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

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

(c) “**Closing Bid Price**” and “**Closing Sale Price**” means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the “pink sheets” by Pink Sheets LLC (formerly the National Quotation Bureau, Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Required Holders. If the Company and the Required Holders are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 1(b)(vi). All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

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

(e) “**Common Stock Equivalents**” means, collectively, Options and Convertible Securities.

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

(g) “**Fundamental Transaction**” means that (A) the Company shall, directly or indirectly, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Person, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company to another Person, or (iii) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock purchase agreement or other business combination), or (iv) reorganize, recapitalize or reclassify its Common Stock, (B) a Person makes a purchase, tender or exchange offer that is accepted by the holders of more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer) or (C) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the 1934 Act) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, of (x) 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not beneficially owned by such Person on the date of this Agreement or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Person to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their shares of Common Stock without approval of the stockholders of the Company.

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

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

(j) “**Successor Entity**” means the Person (or, if so elected by the Required Holders, the Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or the Person with which such Fundamental Transaction shall have been entered into.

(k) “**Weighted Average Price**” means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period

beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest closing bid price and the lowest closing ask price of any of the market makers for such security as reported in the “pink sheets” by Pink Sheets LLC (formerly the National Quotation Bureau, Inc.). If the Weighted Average Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Required Holders. If the Company and the Required Holders are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 1(b)(vi). All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

[Signature Page Follows]

IN WITNESS WHEREOF, each Buyer and the Company have caused their respective signature page to this Amended and Restated Securities Purchase Agreement to be duly executed as of the date first written above.

COMPANY:

MARSHALL EDWARDS, INC.

By: /s/ Daniel P. Gold

Name: Daniel P. Gold

Title: Chief Executive Officer

[Signature Page to Amended and Restated Securities Purchase Agreement]

IN WITNESS WHEREOF, each Buyer and the Company have caused their respective signature page to this Amended and Restated Securities Purchase Agreement to be duly executed as of the date first written above.

BUYERS:

HUDSON BAY MASTER FUND LTD.

By: Hudson Bay Capital Management LP, as its Investment
Manager

By: /s/ Yoav Roth
Name: Yoav Roth
Title: Authorized Signatory

[Signature Page to Amended and Restated Securities Purchase Agreement]

IN WITNESS WHEREOF, each Buyer and the Company have caused their respective signature page to this Amended and Restated Securities Purchase Agreement to be duly executed as of the date first written above.

BUYERS:

CAPITAL VENTURES INTERNATIONAL

By: /s/ Martin Kobinger

Name: Martin Kobinger

Title: Investment Manager

[Signature Page to Amended and Restated Securities Purchase Agreement]

SCHEDULE OF BUYERS

(1)	(2)	(3)	(4)	(5)	(6)	(7)
<u>Buyer</u>	<u>Address and Facsimile Number</u>	<u>Number of Common Shares</u>	<u>Maximum Number of Series A Warrant Shares</u>	<u>Maximum Number of Series B Warrant Shares</u>	<u>Purchase Price</u>	<u>Legal Representative's Address and Facsimile Number</u>
Hudson Bay Master Fund Ltd.	120 Broadway, 40th Floor New York, New York 10271 Attention: Yoav Roth George Antonopolous Facsimile: 646-214-7946 Telephone: 212-571-1244 Residence: Cayman Islands E-mail: investments@hudsonbaycapital.com operations@hudsonbaycapital.com	417,609	1,125,282	1,082,767	\$556,672.80	Schulte Roth & Zabel LLP 919 Third Avenue New York, New York 10022 Attention: Eleazer Klein, Esq. Facsimile: (212) 593-5955 Telephone: (212) 756-2376
Capital Ventures International	c/o Heights Capital Management 101 California Street Suite 3250 San Francisco, CA 94111 Attention: Martin Kobinger and Sam Winer Facsimile: 415-403-6595 Telephone: 415-403-6550 Residence: Cayman Islands Email: kobinger@sig.com; winer@sig.com	417,608	1,125,282	1,082,767	\$556,671.46	

EXHIBITS

Exhibit A	Form of Series A Warrant
Exhibit B	Form of Series B Warrant
Exhibit C	Form of Series C Warrant
Exhibit D	Form of Registration Rights Agreement
Exhibit E	Form of Voting Agreement
Exhibit G	Form of Irrevocable Transfer Agent Instructions
Exhibit H	Form of Opinion of Company Counsel
Exhibit I	Form of Secretary's Certificate
Exhibit J	Form of Officer's Certificate
Exhibit K	Form of Lock Up Agreement

SCHEDULES

Schedule 3(a)	Subsidiaries
Schedule 3(k)	SEC Documents
Schedule 3(l)	Absence of Certain Changes
Schedule 3(n)	Conduct of Business; Regulatory Permits
Schedule 3(r)	Equity Capitalization
Schedule 3(s)	Indebtedness and Other Contracts
Schedule 3(t)	Absence of Litigation
Schedule 3(x)	Intellectual Property Rights
Schedule 3(nn)	Stock Option Plans

AMENDED AND RESTATED REGISTRATION RIGHTS AGREEMENT

This AMENDED AND RESTATED REGISTRATION RIGHTS AGREEMENT (this “**Agreement**”), dated as of May 16, 2011, by and among Marshall Edwards, Inc., a Delaware corporation, with headquarters located at 11975 El Camino Real, Suite 101, San Diego, California 92130 (the “**Company**”), and the investors listed on the Schedule of Buyers attached hereto (each, a “**Buyer**” and collectively, the “**Buyers**”) amends and restates in its entirety that certain Registration Rights Agreement, dated as of May 2, 2011, by and among the Company and the Buyers.

WHEREAS:

A. In connection with the Amended and Restated Securities Purchase Agreement by and among the parties hereto of even date herewith (the “**Amended Purchase Agreement**”), the Company has agreed, upon the terms and subject to the conditions of the Amended Purchase Agreement, to issue and sell to the Buyers (i) an aggregate of 835,217 shares (the “**Common Shares**”) of the Company’s common stock, par value \$0.0000002 per share (the “**Common Stock**”), and (ii) two series of warrants (the “**Warrants**”) which will be exercisable to purchase shares of Common Stock (as exercised, the “**Warrant Shares**”) in accordance with the terms of the Warrants.

B. In accordance with the terms of the Amended Purchase Agreement, the Company has agreed to provide certain registration rights under the Securities Act of 1933, as amended, and the rules and regulations thereunder, or any similar successor statute (collectively, the “**1933 Act**”), and applicable state securities laws.

NOW, THEREFORE, in consideration of the premises and the mutual covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company and each of the Buyers hereby agree as follows:

1. Definitions.

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

(a) “**Additional Effective Date**” means the date the Additional Registration Statement is declared effective by the SEC.

(b) “**Additional Effectiveness Deadline**” means (i) in the event that the Additional Registration Statement is not subject to a full review by the SEC, the date which is forty-five (45) calendar days after the earlier of the Additional Filing Date and the Additional Filing Deadline or (ii) in the event that the Additional Registration Statement is subject to a full review by the SEC, seventy-five (75) calendar days after the earlier of the Additional Filing Date and the Additional Filing Deadline.

(c) “**Additional Filing Date**” means the date on which the Additional Registration Statement is filed with the SEC.

(d) “**Additional Filing Deadline**” means if Cutback Shares are required to be included in any Additional Registration Statement, the later of (i) the date sixty (60) days after the date substantially all of the Registrable Securities registered under the immediately preceding Registration Statement are sold and (ii) the date six (6) months from the Initial Effective Date or the most recent Additional Effective Date, as applicable.

(e) “**Additional Registrable Securities**” means, (i) any Cutback Shares not previously included on a Registration Statement and (ii) any capital stock of the Company issued or issuable with respect to the Warrants, the Warrant Shares, or the Cutback Shares, as applicable, as a result of any stock split, stock dividend, recapitalization, exchange or similar event or otherwise, without regard to any limitations on exercise of the Warrants and excluding, in the case of clauses (i) and (ii), any Common Shares, Warrant Shares or other capital stock of the Company that may be sold without restriction or limitation pursuant to Rule 144 and without the requirement to be in compliance with Rule 144(c)(1) (or any successor thereto) promulgated under the 1933 Act.

(f) “**Additional Registration Statement**” means a registration statement or registration statements of the Company filed under the 1933 Act covering any Additional Registrable Securities.

(g) “**Additional Required Registration Amount**” means (I) any Cutback Shares not previously included on a Registration Statement, all subject to adjustment as provided in Section 2(f) or (II) such other amount as may be permitted by the staff of the SEC pursuant to Rule 415, without regard to any limitations on exercise of the Warrants.

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

(i) “**Closing Date**” shall have the meaning set forth in the Amended Purchase Agreement.

(j) “**Cutback Shares**” means any of the Initial Required Registration Amount or the Additional Required Registration Amount (without regard to clause (II) in the definition thereof) of Registrable Securities not included in all Registration Statements previously declared effective hereunder as a result of a limitation on the maximum number of shares of Common Stock of the Company permitted to be registered by the staff of the SEC pursuant to Rule 415. For the purpose of determining the Cutback Shares, in order to determine any applicable Required Registration Amount, each Investor shall be entitled to specify, subject to Section 2(c) hereof, which Registrable Securities will be cut back before or after other Registrable Securities; provided, however, that the Common Shares shall be cut back last.

(k) “**effective**” and “**effectiveness**” refer to a Registration Statement that has been declared effective by the SEC and is available for the resale of the Registrable Securities required to be covered thereby.

(l) “**Effective Date**” means the Initial Effective Date and the Additional Effective Date, as applicable.

(m) “**Effectiveness Deadline**” means the Initial Effectiveness Deadline and the Additional Effectiveness Deadline, as applicable.

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

(o) “**Filing Deadline**” means the Initial Filing Deadline and the Additional Filing Deadline, as applicable.

(p) “**Initial Effective Date**” means the date that the Initial Registration Statement has been declared effective by the SEC.

(q) “**Initial Effectiveness Deadline**” means the date which is (i) in the event that the Initial Registration Statement is not subject to a full review by the SEC, sixty (60) calendar days after the Closing Date or (ii) in the event that the Initial Registration Statement is subject to a full review by the SEC, ninety (90) calendar days after the Closing Date.

(r) “**Initial Filing Date**” means the date on which the Initial Registration Statement is filed with the SEC.

(s) “**Initial Filing Deadline**” means the date which is thirty (30) calendar days after the Closing Date.

(t) “**Initial Registrable Securities**” means (i) the Common Shares, (ii) the Warrant Shares issued or issuable upon exercise of the Warrants, and (iii) any capital stock of the Company issued or issuable with respect to the Common Shares, the Warrant Shares or the Warrants as a result of any stock split, stock dividend, recapitalization, exchange or similar event or otherwise, without regard to any limitations on exercise of the Warrants and excluding, in the case of clauses (i) and (ii), any Shares, Warrant Shares or other capital stock of the Company that may be sold without restriction or limitation pursuant to Rule 144 and without the requirement to be in compliance with Rule 144(c)(1) (or any successor thereto) promulgated under the 1933 Act.

(u) “**Initial Registration Statement**” means a registration statement or registration statements of the Company filed under the 1933 Act covering the Initial Registrable Securities.

(v) “**Initial Required Registration Amount**” means (I) the sum of (i) the number of Common Shares issued and (ii) 100% of the maximum number of Warrant Shares issued and issuable pursuant to the Warrants as of the Trading Day immediately preceding the applicable date of determination, all subject to adjustment as provided in Section 2(f), without regard to any limitations on exercise of the Warrants or (II) such other amount as may be permitted by the staff of the SEC pursuant to Rule 415.

(w) “**Investor**” means a Buyer or any transferee or assignee thereof to whom a Buyer assigns its rights under this Agreement and who agrees to become bound by the provisions of this Agreement in accordance with Section 9 and any transferee or assignee thereof to whom a transferee or assignee assigns its rights under this Agreement and who agrees to become bound by the provisions of this Agreement in accordance with Section 9.

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

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

(z) “**register**,” “**registered**,” and “**registration**” refer to a registration effected by preparing and filing one or more Registration Statements (as defined below) in compliance with the 1933 Act and pursuant to Rule 415, and the declaration or ordering of effectiveness of such Registration Statement(s) by the SEC.

(aa) “**Registrable Securities**” means the Initial Registrable Securities and the Additional Registrable Securities.

(bb) “**Registration Statement**” means the Initial Registration Statement and the Additional Registration Statement, as applicable.

(cc) “**Required Holders**” means the holders of at least seventy-five percent (75%) of the Registrable Securities.

(dd) “**Required Registration Amount**” means either the Initial Required Registration Amount or the Additional Required Registration Amount, as applicable.

(ee) “**Rule 415**” means Rule 415 promulgated under the 1933 Act or any successor rule providing for offering securities on a continuous or delayed basis.

(ff) “**SEC**” means the United States Securities and Exchange Commission.

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

2. Registration.

(a) Initial Mandatory Registration. The Company shall prepare, and, as soon as practicable but in no event later than the Initial Filing Deadline, file with the SEC the Initial Registration Statement on Form S-3 covering the resale of all of the Initial Registrable Securities. In the event that Form S-3 is unavailable for such a registration, the Company shall use such other form as is available for such a registration on another appropriate form reasonably acceptable to the Required Holders, subject to the provisions of Section 2(e). The Initial Registration Statement prepared pursuant hereto shall register for resale at least the number of shares of Common Stock equal to the Initial Required Registration Amount determined as of the date the Initial Registration Statement is initially filed with the SEC, subject to adjustment as provided in Section 2(f). The Initial Registration Statement shall contain (except if otherwise directed by the Required Holders) the “Plan of Distribution” and “Selling Stockholders” sections in substantially the form attached hereto as Exhibit B. The Company shall use its best efforts to have the Initial Registration Statement declared effective by the SEC as soon as practicable, but in no event later than the Initial Effectiveness Deadline. By 9:30 a.m. New York time on the Business Day following the Initial Effective Date, the Company shall file with the SEC in accordance with Rule 424 under the 1933 Act the final prospectus to be used in connection with sales pursuant to such Initial Registration Statement.

(b) Additional Mandatory Registrations. The Company shall prepare, and, as soon as practicable but in no event later than the Additional Filing Deadline, file with the SEC an Additional Registration Statement on Form S-3 covering the resale of all of the Additional Registrable Securities not previously registered on an Additional Registration Statement hereunder. To the extent the staff of the SEC does not permit the Additional Required Registration Amount to be registered on an Additional Registration Statement, the Company shall file Additional Registration Statements successively trying to register on each such Additional Registration Statement the maximum number of remaining Additional Registrable Securities until the Additional Required Registration Amount has been registered with the SEC. In the event that Form S-3 is unavailable for such a registration, the Company shall use such other form as is available for such a registration on another appropriate form reasonably acceptable to the Required Holders, subject to the provisions of Section 2(e). Each Additional Registration Statement prepared pursuant hereto shall register for resale at least that number of shares of Common Stock equal to the Additional Required Registration Amount determined as of the date such Additional Registration Statement is initially filed with the SEC, subject to adjustment as provided in Section 2(f). Each Additional Registration Statement shall contain (except if otherwise directed by the Required Holders) the “Plan of Distribution” and “Selling Stockholders” sections in substantially the form attached hereto as Exhibit B. The Company shall use its best efforts to have each Additional Registration Statement declared effective by the SEC as soon as practicable, but in no event later than the Additional Effectiveness Deadline. By 9:30 a.m. New York time on the Business Day following the Additional Effective Date, the Company shall file with the SEC in accordance with Rule 424 under the 1933 Act the final prospectus to be used in connection with sales pursuant to such Additional Registration Statement.

(c) Allocation of Registrable Securities. The initial number of Registrable Securities included in any Registration Statement and any increase or decrease in the

number of Registrable Securities included therein shall be allocated pro rata among the Investors (subject to the Investor's obligation to furnish information to the Company pursuant to Section 4(a) hereof) based on the number of Registrable Securities held by each Investor at the time the Registration Statement covering such initial number of Registrable Securities or increase or decrease thereof is declared effective by the SEC. In the event that an Investor sells or otherwise transfers any of such Investor's Registrable Securities, each transferee shall be allocated a pro rata portion of the then remaining number of Registrable Securities included in such Registration Statement for such transferor. Any shares of Common Stock included in a Registration Statement and which remain allocated to any Person which ceases to hold any Registrable Securities covered by such Registration Statement shall be allocated to the remaining Investors, pro rata based on the number of Registrable Securities then held by such Investors which are covered by such Registration Statement. In no event shall the Company include any securities other than Registrable Securities on any Registration Statement without the prior written consent of the Required Holders.

(d) Legal Counsel. Subject to Section 5 hereof, the Required Holders shall have the right to select one legal counsel to review and oversee any registration pursuant to this Section 2 ("**Legal Counsel**"), which shall be Schulte Roth & Zabel LLP or such other counsel as thereafter designated by the Required Holders. The Company and Legal Counsel shall reasonably cooperate with each other in performing the Company's obligations under this Agreement.

(e) Ineligibility for Form S-3. In the event that Form S-3 is not available for the registration of all of the resale of Registrable Securities hereunder, the Company shall (i) register the resale of the Registrable Securities on another appropriate form reasonably acceptable to the Required Holders and (ii) undertake to register the Registrable Securities on Form S-3 as soon as such form is available for the registration of all of the Registrable Securities hereunder, provided that the Company shall maintain the effectiveness of the Registration Statement then in effect until such time as a Registration Statement on Form S-3 covering the Registrable Securities has been declared effective by the SEC.

(f) Sufficient Number of Shares Registered. In the event the number of shares available under a Registration Statement filed pursuant to Section 2(a) or Section 2(b) is insufficient to cover the Required Registration Amount of Registrable Securities required to be covered by such Registration Statement or an Investor's allocated portion of the Registrable Securities pursuant to Section 2(c), the Company shall amend the applicable Registration Statement, or file a new Registration Statement (on the short form available therefor, if applicable), or both, so as to cover at least the Required Registration Amount as of the Trading Day immediately preceding the date of the filing of such amendment or new Registration Statement, in each case, as soon as practicable, but in any event not later than fifteen (15) days after the necessity therefor arises. The Company shall use its best efforts to cause such amendment and/or new Registration Statement to become effective as soon as practicable following the filing thereof. For purposes of the foregoing provision, the number of shares available under a Registration Statement shall be deemed "insufficient to cover the Required Registration Amount of Registrable Securities required to be covered by such Registration Statement" if at any time the number of shares of Common Stock available for resale under the Registration Statement is less than the product determined by multiplying (i) the Required

Registration Amount for then outstanding Common Shares and Warrant Shares then issued and outstanding or then issuable as of such time by (ii) 0.90. The calculation set forth in the foregoing sentence shall be made without regard to any limitations on the exercise of the Warrants and such calculation shall assume that the Warrants are then exercisable in full into shares of Common Stock.

(g) Effect of Failure to File and Obtain and Maintain Effectiveness of Registration Statement. If (i) a Registration Statement covering the applicable Required Registration Amount is (A) not filed with the SEC on or before the applicable Filing Deadline (a “**Filing Failure**”) or (B) not declared effective by the SEC on or before the applicable Effectiveness Deadline (an “**Effectiveness Failure**”) or (ii) on any day after the applicable Effective Date sales of all of the applicable Required Registration Amount of such Registration Statement cannot be made (other than during an Allowable Grace Period (as defined in Section 3(r)) pursuant to such Registration Statement or otherwise (including, without limitation, because of the suspension of trading or any other limitation imposed by an Eligible Market, a failure to keep such Registration Statement effective, a failure to disclose such information as is necessary for sales to be made pursuant to such Registration Statement, a failure to register a sufficient number of shares of Common Stock or a failure to maintain the listing of the Common Stock) (a “**Maintenance Failure**”) then, as partial relief for the damages to any holder by reason of any such delay in or reduction of its ability to sell the underlying shares of Common Stock (which remedy shall not be exclusive of any other remedies available at law or in equity, including, without limitation, specific performance), (A) the Company shall pay to each holder of Registrable Securities relating to such Registration Statement an amount in cash equal to two percent (2.0%) of the aggregate Purchase Price (as such term is defined in the Amended Purchase Agreement) of such Investor’s Registrable Securities included in such Registration Statement on each of the following dates: (i) the day of a Filing Failure; (ii) the day of an Effectiveness Failure; (iii) the initial day of a Maintenance Failure; (iv) on the thirtieth day after the date of a Filing Failure and every thirtieth day thereafter (pro rated for periods totaling less than thirty days) until such Filing Failure is cured; (v) on the thirtieth day after the date of an Effectiveness Failure and every thirtieth day thereafter (pro rated for periods totaling less than thirty days) until such Effectiveness Failure is cured; and (vi) on the thirtieth day after the date of a Maintenance Failure and every thirtieth day thereafter (pro rated for periods totaling less than thirty days) until such Maintenance Failure is cured. The payments to which a holder shall be entitled pursuant to this Section 2(g) are referred to herein as “**Registration Delay Payments.**” Registration Delay Payments shall be paid on the earlier of (I) the dates set forth above and (II) the third Business Day after the event or failure giving rise to the Registration Delay Payments is cured. In the event the Company fails to make Registration Delay Payments in a timely manner, such Registration Delay Payments shall bear interest at the rate of one and one-half percent (1.5%) per month (prorated for partial months) (or such lesser maximum amount that is permitted to be paid by applicable law) until paid in full.

3. Related Obligations.

At such time as the Company is obligated to file a Registration Statement with the SEC pursuant to Section 2(a), 2(b), 2(e) or 2(f), the Company will use its best efforts to effect the

registration of the Registrable Securities in accordance with the intended method of disposition thereof and, pursuant thereto, the Company shall have the following obligations:

(a) The Company shall promptly prepare and file with the SEC a Registration Statement with respect to the Registrable Securities and use its reasonable best efforts to cause such Registration Statement relating to the Registrable Securities to become effective as soon as practicable after such filing (but in no event later than the Effectiveness Deadline). The Company shall keep each Registration Statement effective pursuant to Rule 415 at all times until the earlier of (i) the date as of which the Investors may sell all of the Registrable Securities covered by such Registration Statement without restriction or limitation pursuant to Rule 144 and without the requirement to be in compliance with Rule 144(c)(1) (or any successor thereto) promulgated under the 1933 Act or (ii) the date on which the Investors shall have sold all of the Registrable Securities covered by such Registration Statement (the “**Registration Period**”). The Company shall ensure that each Registration Statement (including any amendments or supplements thereto and prospectuses contained therein) shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein, or necessary to make the statements therein (in the case of prospectuses, in the light of the circumstances in which they were made) not misleading. The term “best efforts” shall mean, among other things, that the Company shall submit to the SEC, within two (2) Business Days after the later of the date that (i) the Company learns that no review of a particular Registration Statement will be made by the staff of the SEC or that the staff has no further comments on a particular Registration Statement, as the case may be, and (ii) the approval of Legal Counsel pursuant to Section 3(c) (which approval is immediately sought), a request for acceleration of effectiveness of such Registration Statement to a time and date not later than two (2) Business Days after the submission of such request. The Company shall respond in writing to comments made by the SEC in respect of a Registration Statement as soon as practicable, but in no event later than fifteen (15) days after the receipt of comments by or notice from the SEC that an amendment is required in order for a Registration Statement to be declared effective.

(b) The Company shall prepare and file with the SEC such amendments (including post-effective amendments) and supplements to a Registration Statement and the prospectus used in connection with such Registration Statement, which prospectus is to be filed pursuant to Rule 424 promulgated under the 1933 Act, as may be necessary to keep such Registration Statement effective at all times during the Registration Period, and, during such period, comply with the provisions of the 1933 Act with respect to the disposition of all Registrable Securities of the Company covered by such Registration Statement until such time as all of such Registrable Securities shall have been disposed of in accordance with the intended methods of disposition by the seller or sellers thereof as set forth in such Registration Statement. In the case of amendments and supplements to a Registration Statement which are required to be filed pursuant to this Agreement (including pursuant to this Section 3(b)) by reason of the Company filing a report on Form 10-Q, Form 10-K, Form 8-K or any analogous report under the Securities Exchange Act of 1934, as amended (the “**1934 Act**”), the Company shall have incorporated such report by reference into such Registration Statement, if applicable, or shall file such amendments or supplements with the SEC on the same day on which the 1934 Act report is filed which created the requirement for the Company to amend or supplement such Registration Statement.

(c) The Company shall (A) permit Legal Counsel to review and comment upon (i) a Registration Statement at least five (5) Business Days prior to its filing with the SEC and (ii) all amendments and supplements to all Registration Statements (except for Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, and any similar or successor reports) within a reasonable number of days prior to their filing with the SEC, and (B) not file any Registration Statement or amendment or supplement thereto in a form to which Legal Counsel reasonably objects. The Company shall not submit a request for acceleration of the effectiveness of a Registration Statement or any amendment or supplement thereto without the prior approval of Legal Counsel, which consent shall not be unreasonably withheld. The Company shall furnish to Legal Counsel, without charge, (i) copies of any correspondence from the SEC or the staff of the SEC to the Company or its representatives relating to any Registration Statement, (ii) promptly after the same is prepared and filed with the SEC, one copy of any Registration Statement and any amendment(s) thereto, including financial statements and schedules, all documents incorporated therein by reference, if requested by an Investor, and all exhibits and (iii) upon the effectiveness of any Registration Statement, one copy of the prospectus included in such Registration Statement and all amendments and supplements thereto. The Company shall reasonably cooperate with Legal Counsel in performing the Company's obligations pursuant to this Section 3.

(d) The Company shall furnish to each Investor whose Registrable Securities are included in any Registration Statement, without charge, (i) promptly after the same is prepared and filed with the SEC, at least one copy of such Registration Statement and any amendment(s) thereto, including financial statements and schedules, all documents incorporated therein by reference, if requested by an Investor, all exhibits and each preliminary prospectus, (ii) upon the effectiveness of any Registration Statement, ten (10) copies of the prospectus included in such Registration Statement and all amendments and supplements thereto (or such other number of copies as such Investor may reasonably request) and (iii) such other documents, including copies of any preliminary or final prospectus, as such Investor may reasonably request from time to time in order to facilitate the disposition of the Registrable Securities owned by such Investor.

(e) The Company shall use its best efforts to (i) register and qualify, unless an exemption from registration and qualification applies, the resale by Investors of the Registrable Securities covered by a Registration Statement under such other securities or "blue sky" laws of all applicable jurisdictions in the United States, (ii) prepare and file in those jurisdictions such amendments (including post-effective amendments) and supplements to such registrations and qualifications as may be necessary to maintain the effectiveness thereof during the Registration Period, (iii) take such other actions as may be necessary to maintain such registrations and qualifications in effect at all times during the Registration Period, and (iv) take all other actions reasonably necessary or advisable to qualify the Registrable Securities for sale in such jurisdictions; provided, however, that the Company shall not be required in connection therewith or as a condition thereto to (x) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(e), (y) subject itself to general taxation in any such jurisdiction, or (z) file a general consent to service of process in any such jurisdiction. The Company shall promptly notify Legal Counsel and each Investor who holds Registrable Securities of the receipt by the Company of any notification with respect to the suspension of the registration or qualification of any of the Registrable Securities for sale under

the securities or “blue sky” laws of any jurisdiction in the United States or its receipt of actual notice of the initiation or threatening of any proceeding for such purpose.

(f) The Company shall notify Legal Counsel and each Investor in writing of the happening of any event, as promptly as practicable after becoming aware of such event, as a result of which the prospectus included in a Registration Statement, as then in effect, includes an untrue statement of a material fact or omission to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading (provided that in no event shall such notice contain any material, nonpublic information), and, subject to Section 3(r), promptly prepare a supplement or amendment to such Registration Statement to correct such untrue statement or omission, and deliver ten (10) copies of such supplement or amendment to Legal Counsel and each Investor (or such other number of copies as Legal Counsel or such Investor may reasonably request). The Company shall also promptly notify Legal Counsel and each Investor in writing (i) when a prospectus or any prospectus supplement or post-effective amendment has been filed, and when a Registration Statement or any post-effective amendment has become effective (notification of such effectiveness shall be delivered to Legal Counsel and each Investor by facsimile on the same day of such effectiveness and by overnight mail), (ii) of any request by the SEC for amendments or supplements to a Registration Statement or related prospectus or related information, and (iii) of the Company’s reasonable determination that a post-effective amendment to a Registration Statement would be appropriate. By 9:30 a.m. New York City time on the date following the date any post-effective amendment has become effective, the Company shall file with the SEC in accordance with Rule 424 under the 1933 Act the final prospectus to be used in connection with sales pursuant to such Registration Statement.

(g) The Company shall use its best efforts to prevent the issuance of any stop order or other suspension of effectiveness of a Registration Statement, or the suspension of the qualification of any of the Registrable Securities for sale in any jurisdiction and, if such an order or suspension is issued, to obtain the withdrawal of such order or suspension at the earliest possible moment and to notify Legal Counsel and each Investor who holds Registrable Securities being sold of the issuance of such order and the resolution thereof or its receipt of actual notice of the initiation or threat of any proceeding for such purpose.

(h) If any Investor is required under applicable securities laws to be described in the Registration Statement as an underwriter or an Investor believes that it could reasonably be deemed to be an underwriter of Registrable Securities, at the reasonable request of such Investor, the Company shall furnish to such Investor, on the date of the effectiveness of the Registration Statement and thereafter from time to time on such dates as an Investor may reasonably request (i) a letter, dated such date, from the Company’s independent certified public accountants in form and substance as is customarily given by independent certified public accountants to underwriters in an underwritten public offering, addressed to the Investors, and (ii) an opinion, dated as of such date, of counsel representing the Company for purposes of such Registration Statement, in form, scope and substance as is customarily given in an underwritten public offering, addressed to the Investors.

(i) If any Investor is required under applicable securities laws to be described in the Registration Statement as an underwriter or an Investor believes that it could

reasonably be deemed to be an underwriter of Registrable Securities, the Company shall make available for inspection by (i) such Investor, (ii) Legal Counsel and (iii) one firm of accountants or other agents retained by the Investors (collectively, the “**Inspectors**”), all pertinent financial and other records, and pertinent corporate documents and properties of the Company (collectively, the “**Records**”), as shall be reasonably deemed necessary by each Inspector, and cause the Company’s officers, directors and employees to supply all information which any Inspector may reasonably request; provided, however, that each Inspector shall agree to hold in strict confidence and shall not make any disclosure (except to an Investor) or use of any Record or other information which the Company determines in good faith to be confidential, and of which determination the Inspectors are so notified, unless (a) the disclosure of such Records is necessary to avoid or correct a misstatement or omission in any Registration Statement or is otherwise required under the 1933 Act, (b) the release of such Records is ordered pursuant to a final, non-appealable subpoena or order from a court or government body of competent jurisdiction, or (c) the information in such Records has been made generally available to the public other than by disclosure in violation of this Agreement. Each Investor agrees that it shall, upon learning that disclosure of such Records is sought in or by a court or governmental body of competent jurisdiction or through other means, give prompt notice to the Company and allow the Company, at its expense, to undertake appropriate action to prevent disclosure of, or to obtain a protective order for, the Records deemed confidential. Nothing herein (or in any other confidentiality agreement between the Company and any Investor) shall be deemed to limit the Investors’ ability to sell Registrable Securities in a manner which is otherwise consistent with applicable laws and regulations.

(j) The Company shall hold in confidence and not make any disclosure of information concerning an Investor provided to the Company unless (i) disclosure of such information is necessary to comply with federal or state securities laws, (ii) the disclosure of such information is necessary to avoid or correct a misstatement or omission in any Registration Statement, (iii) the release of such information is ordered pursuant to a subpoena or other final, non-appealable order from a court or governmental body of competent jurisdiction, or (iv) such information has been made generally available to the public other than by disclosure in violation of this Agreement or any other agreement. The Company agrees that it shall, upon learning that disclosure of such information concerning an Investor is sought in or by a court or governmental body of competent jurisdiction or through other means, give prompt written notice to such Investor and allow such Investor, at the Investor’s expense, to undertake appropriate action to prevent disclosure of, or to obtain a protective order for, such information.

(k) The Company shall use its best efforts either to (i) cause all of the Registrable Securities covered by a Registration Statement to be listed on each securities exchange on which securities of the same class or series issued by the Company are then listed, if any, if the listing of such Registrable Securities is then permitted under the rules of such exchange or (ii) secure the inclusion for quotation of all of the Registrable Securities on The NASDAQ Capital Market or (iii) if, despite the Company’s best efforts, the Company is unsuccessful in satisfying the preceding clauses (i) and (ii), to secure the inclusion for quotation on, The New York Stock Exchange, The NASDAQ Global Select Market, The NASDAQ Global Market or the NYSE Amex for such Registrable Securities and, without limiting the generality of the foregoing, to use its best efforts to arrange for at least two market makers to register with the Financial Industry Regulatory Authority, Inc. (“**FINRA**”) as such with respect to such

Registrable Securities. The Company shall pay all fees and expenses in connection with satisfying its obligation under this Section 3(k).

(l) The Company shall cooperate with the Investors who hold Registrable Securities being offered and, to the extent applicable, facilitate the timely preparation and delivery of certificates (not bearing any restrictive legend) representing the Registrable Securities to be offered pursuant to a Registration Statement and enable such certificates to be in such denominations or amounts, as the case may be, as the Investors may reasonably request and registered in such names as the Investors may request.

(m) If requested by an Investor, the Company shall as soon as practicable (i) incorporate in a prospectus supplement or post-effective amendment such information as an Investor reasonably requests to be included therein relating to the sale and distribution of Registrable Securities, including, without limitation, information with respect to the number of Registrable Securities being offered or sold, the purchase price being paid therefor and any other terms of the offering of the Registrable Securities to be sold in such offering; (ii) make all required filings of such prospectus supplement or post-effective amendment after being notified of the matters to be incorporated in such prospectus supplement or post-effective amendment; and (iii) supplement or make amendments to any Registration Statement if reasonably requested by an Investor holding any Registrable Securities.

(n) The Company shall use its best efforts to cause the Registrable Securities covered by a Registration Statement to be registered with or approved by such other governmental agencies or authorities as may be necessary to consummate the disposition of such Registrable Securities.

(o) The Company shall make generally available to its security holders as soon as practical, but not later than ninety (90) days after the close of the period covered thereby, an earnings statement (in form complying with, and in the manner provided by, the provisions of Rule 158 under the 1933 Act) covering a twelve-month period beginning not later than the first day of the Company's fiscal quarter next following the applicable Effective Date of a Registration Statement.

(p) The Company shall otherwise use its best efforts to comply with all applicable rules and regulations of the SEC in connection with any registration hereunder.

(q) Within two (2) Business Days after a Registration Statement which covers Registrable Securities is ordered effective by the SEC, the Company shall deliver, and shall cause legal counsel for the Company to deliver, to the transfer agent for such Registrable Securities (with copies to the Investors whose Registrable Securities are included in such Registration Statement) confirmation that such Registration Statement has been declared effective by the SEC in the form attached hereto as Exhibit A.

(r) Notwithstanding anything to the contrary herein, at any time after the Effective Date, the Company may delay the disclosure of material, non-public information concerning the Company the disclosure of which at the time is not, in the good faith opinion of the Board of Directors of the Company and its counsel, in the best interest of the Company and,

in the opinion of counsel to the Company, otherwise required (a “**Grace Period**”); provided, that the Company shall promptly (i) notify the Investors in writing of the existence of material, non-public information giving rise to a Grace Period (provided that in each notice the Company will not disclose the content of such material, non-public information to the Investors) and the date on which the Grace Period will begin, and (ii) notify the Investors in writing of the date on which the Grace Period ends; and, provided further, that no Grace Period shall exceed twenty (20) consecutive days and during any three hundred sixty five (365) day period such Grace Periods shall not exceed an aggregate of forty (40) days and the first day of any Grace Period must be at least five (5) Trading Days after the last day of any prior Grace Period (each, an “**Allowable Grace Period**”). For purposes of determining the length of a Grace Period above, the Grace Period shall begin on and include the date the Investors receive the notice referred to in clause (i) and shall end on and include the later of the date the Investors receive the notice referred to in clause (ii) and the date referred to in such notice. The provisions of Section 3(g) hereof shall not be applicable during the period of any Allowable Grace Period. Upon expiration of the Grace Period, the Company shall again be bound by the first sentence of Section 3(f) with respect to the information giving rise thereto unless such material, non-public information is no longer applicable. Notwithstanding anything to the contrary, the Company shall cause its transfer agent to deliver unlegended shares of Common Stock to a transferee of an Investor in accordance with the terms of the Amended Purchase Agreement in connection with any sale of Registrable Securities with respect to which an Investor has entered into a contract for sale, prior to the Investor’s receipt of the notice of a Grace Period and for which the Investor has not yet settled.

(s) Neither the Company nor any Subsidiary or affiliate thereof shall identify any Buyer as an underwriter in any public disclosure or filing with the SEC, the Principal Market or any Eligible Market and any Buyer being deemed an underwriter by the SEC shall not relieve the Company of any obligations it has under this Agreement or any other Transaction Document (as defined in the Amended Purchase Agreement); provided, however, that the foregoing shall not prohibit the Company from including the disclosure found in the “Plan of Distribution” section attached hereto as Exhibit B in the Registration Statement.

(t) The Company shall not file any other registration statements until, or grant registration rights to any Person that can be exercised prior to the time that, all Registrable Securities are registered pursuant to a Registration Statement that is declared effective by the SEC, provided that this Section 3(t) shall not prohibit the Company from filing amendments (pre-effective and post-effective) to registration statements filed prior to the date of this Agreement; provided that no such amendment shall increase the number of securities registered on a registration statement. Neither the Company nor any of its Subsidiaries has entered, as of the date hereof, nor shall the Company or any of its Subsidiaries, on or after the date of this Agreement, enter into any agreement with respect to its securities, that would have the effect of impairing the rights granted to the Buyers in this Agreement or otherwise conflicts with the provisions hereof.

4. Obligations of the Investors.

(a) At least five (5) Business Days prior to the first anticipated Filing Date of a Registration Statement, the Company shall notify each Investor in writing of the information the Company requires from each such Investor if such Investor elects to have any of

such Investor's Registrable Securities included in such Registration Statement. It shall be a condition precedent to the obligations of the Company to complete any registration pursuant to this Agreement with respect to the Registrable Securities of a particular Investor that such Investor shall furnish to the Company such information regarding itself, the Registrable Securities held by it and the intended method of disposition of the Registrable Securities held by it as shall be reasonably required to effect and maintain the effectiveness of the registration of such Registrable Securities and shall execute such documents in connection with such registration as the Company may reasonably request.

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

(c) Each Investor agrees that, upon receipt of any notice from the Company of the happening of any event of the kind described in Section 3(g) or the first sentence of 3(f), such Investor will immediately discontinue disposition of Registrable Securities pursuant to any Registration Statement(s) covering such Registrable Securities until such Investor's receipt of copies of the supplemented or amended prospectus as contemplated by Section 3(g) or the first sentence of 3(f) or receipt of notice that no supplement or amendment is required. Notwithstanding anything to the contrary, the Company shall cause its transfer agent to deliver unlegended shares of Common Stock to a transferee of an Investor in accordance with the terms of the Amended Purchase Agreement in connection with any sale of Registrable Securities with respect to which an Investor has entered into a contract for sale prior to the Investor's receipt of a notice from the Company of the happening of any event of the kind described in Section 3(g) or the first sentence of 3(f) and for which the Investor has not yet settled.

(d) Each Investor covenants and agrees that it will comply with the prospectus delivery requirements of the 1933 Act as applicable to it or an exemption therefrom in connection with sales of Registrable Securities pursuant to the Registration Statement.

5. Expenses of Registration.

All reasonable expenses, other than underwriting discounts and commissions, incurred in connection with registrations, filings or qualifications pursuant to Sections 2 and 3, including, without limitation, all registration, listing and qualifications fees, printers and accounting fees, and fees and disbursements of counsel for the Company shall be paid by the Company. The Company shall also reimburse the Investors for the fees and disbursements of Legal Counsel in connection with registration, filing or qualification pursuant to Sections 2 and 3 of this Agreement which amount shall be limited to \$20,000 for each such registration, filing or qualification.

6. Indemnification.

In the event any Registrable Securities are included in a Registration Statement under this Agreement:

(a) To the fullest extent permitted by law, the Company will, and hereby does, indemnify, hold harmless and defend each Investor, the directors, officers, partners, members, employees, agents, representatives of, and each Person, if any, who controls any Investor within the meaning of the 1933 Act or the 1934 Act (each, an **"Indemnified Person"**), against any losses, claims, damages, liabilities, judgments, fines, penalties, charges, costs, reasonable attorneys' fees, amounts paid in settlement or expenses, joint or several (collectively, **"Claims"**), incurred in investigating, preparing or defending any action, claim, suit, inquiry, proceeding, investigation or appeal taken from the foregoing by or before any court or governmental, administrative or other regulatory agency, body or the SEC, whether pending or threatened, whether or not an indemnified party is or may be a party thereto (**"Indemnified Damages"**), to which any of them may become subject insofar as such Claims (or actions or proceedings, whether commenced or threatened, in respect thereof) arise out of or are based upon: (i) any untrue statement or alleged untrue statement of a material fact in a Registration Statement or any post-effective amendment thereto or in any filing made in connection with the qualification of the offering under the securities or other "blue sky" laws of any jurisdiction in which Registrable Securities are offered (**"Blue Sky Filing"**), or the omission or alleged omission to state a material fact required to be stated therein or necessary to make the statements therein not misleading, (ii) any untrue statement or alleged untrue statement of a material fact contained in any preliminary prospectus if used prior to the effective date of such Registration Statement, or contained in the final prospectus (as amended or supplemented, if the Company files any amendment thereof or supplement thereto with the SEC) or the omission or alleged omission to state therein any material fact necessary to make the statements made therein, in light of the circumstances under which the statements therein were made, not misleading, (iii) any violation or alleged violation by the Company of the 1933 Act, the 1934 Act, any other law, including, without limitation, any state securities law, or any rule or regulation thereunder relating to the offer or sale of the Registrable Securities pursuant to a Registration Statement or (iv) any violation of this Agreement (the matters in the foregoing clauses (i) through (iv) being, collectively, **"Violations"**). Subject to Section 6(c), the Company shall reimburse the Indemnified Persons, promptly as such expenses are incurred and are due and payable, for any legal fees or other reasonable expenses incurred by them in connection with investigating or defending any such Claim. Notwithstanding anything to the contrary contained herein, the indemnification agreement contained in this Section 6(a): (i) shall not apply to a Claim by an Indemnified Person arising out of or based upon a Violation which occurs in reliance upon and in conformity with information furnished in writing to the Company by such Indemnified Person for such Indemnified Person expressly for use in connection with the preparation of the Registration Statement or any such amendment thereof or supplement thereto, if such prospectus was timely made available by the Company pursuant to Section 3(d); and (ii) shall not apply to amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of the Company, which consent shall not be unreasonably withheld or delayed. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of the Indemnified Person and shall survive the transfer of the Registrable Securities by the Investors pursuant to Section 9.

(b) In connection with any Registration Statement in which an Investor is participating, each such Investor agrees to severally and not jointly indemnify, hold harmless and defend, to the same extent and in the same manner as is set forth in Section 6(a), the Company, each of its directors, each of its officers who signs the Registration Statement and

each Person, if any, who controls the Company within the meaning of the 1933 Act or the 1934 Act (each, an “**Indemnified Party**”), against any Claim or Indemnified Damages to which any of them may become subject, under the 1933 Act, the 1934 Act or otherwise, insofar as such Claim or Indemnified Damages arise out of or are based upon any Violation, in each case to the extent, and only to the extent, that such Violation occurs in reliance upon and in conformity with written information furnished to the Company by such Investor expressly for use in connection with such Registration Statement; and, subject to Section 6(c), such Investor shall reimburse the Indemnified Party for any legal or other expenses reasonably incurred by an Indemnified Party in connection with investigating or defending any such Claim; provided, however, that the indemnity agreement contained in this Section 6(b) and the agreement with respect to contribution contained in Section 7 shall not apply to amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of such Investor, which consent shall not be unreasonably withheld or delayed; provided, further, however, that the Investor shall be liable under this Section 6(b) for only that amount of a Claim or Indemnified Damages as does not exceed the net proceeds to such Investor as a result of the sale of Registrable Securities pursuant to such Registration Statement. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of such Indemnified Party and shall survive the transfer of the Registrable Securities by the Investors pursuant to Section 9.

(c) Promptly after receipt by an Indemnified Person or Indemnified Party under this Section 6 of notice of the commencement of any action or proceeding (including any governmental action or proceeding) involving a Claim, such Indemnified Person or Indemnified Party shall, if a Claim in respect thereof is to be made against any indemnifying party under this Section 6, deliver to the indemnifying party a written notice of the commencement thereof, and the indemnifying party shall have the right to participate in, and, to the extent the indemnifying party so desires, jointly with any other indemnifying party similarly noticed, to assume control of the defense thereof with counsel mutually satisfactory to the indemnifying party and the Indemnified Person or the Indemnified Party, as the case may be; provided, however, that an Indemnified Person or Indemnified Party shall have the right to retain its own counsel with the fees and expenses of not more than one counsel for all such Indemnified Person or Indemnified Party to be paid by the indemnifying party, if, in the reasonable opinion of counsel retained by the Indemnified Person or Indemnified Party, as applicable, the representation by such counsel of the Indemnified Person or Indemnified Party, as the case may be, and the indemnifying party would be inappropriate due to actual or potential differing interests between such Indemnified Person or Indemnified Party and any other party represented by such counsel in such proceeding. In the case of an Indemnified Person, legal counsel referred to in the immediately preceding sentence shall be selected by the Investors holding at least a majority in interest of the Registrable Securities included in the Registration Statement to which the Claim relates. The Indemnified Party or Indemnified Person shall cooperate reasonably with the indemnifying party in connection with any negotiation or defense of any such action or Claim by the indemnifying party and shall furnish to the indemnifying party all information reasonably available to the Indemnified Party or Indemnified Person which relates to such action or Claim. The indemnifying party shall keep the Indemnified Party or Indemnified Person fully apprised at all times as to the status of the defense or any settlement negotiations with respect thereto. No indemnifying party shall be liable for any settlement of any action, claim or proceeding effected without its prior written consent, provided, however, that the indemnifying party shall not unreasonably withhold, delay or condition its consent. No indemnifying party

shall, without the prior written consent of the Indemnified Party or Indemnified Person, consent to entry of any judgment or enter into any settlement or other compromise which does not include as an unconditional term thereof the giving by the claimant or plaintiff to such Indemnified Party or Indemnified Person of a release from all liability in respect to such Claim or litigation and such settlement shall not include any admission as to fault on the part of the Indemnified Party. Following indemnification as provided for hereunder, the indemnifying party shall be subrogated to all rights of the Indemnified Party or Indemnified Person with respect to all third parties, firms or corporations relating to the matter for which indemnification has been made. The failure to deliver written notice to the indemnifying party within a reasonable time of the commencement of any such action shall not relieve such indemnifying party of any liability to the Indemnified Person or Indemnified Party under this Section 6, except to the extent that the indemnifying party is prejudiced in its ability to defend such action.

(d) The indemnification required by this Section 6 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or Indemnified Damages are incurred.

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

7. Contribution.

To the extent any indemnification by an indemnifying party is prohibited or limited by law, the indemnifying party agrees to make the maximum contribution with respect to any amounts for which it would otherwise be liable under Section 6 to the fullest extent permitted by law; provided, however, that: (i) no Person involved in the sale of Registrable Securities which Person is guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the 1933 Act) in connection with such sale shall be entitled to contribution from any Person involved in such sale of Registrable Securities who was not guilty of fraudulent misrepresentation; and (ii) contribution by any seller of Registrable Securities shall be limited in amount to the amount of net proceeds received by such seller from the sale of such Registrable Securities pursuant to such Registration Statement.

8. Reports Under the 1934 Act.

With a view to making available to the Investors the benefits of Rule 144 promulgated under the 1933 Act or any other similar rule or regulation of the SEC that may at any time permit the Investors to sell securities of the Company to the public without registration (“**Rule 144**”), the Company agrees to:

(a) make and keep public information available, as those terms are understood and defined in Rule 144;

(b) file with the SEC in a timely manner all reports and other documents required of the Company under the 1933 Act and the 1934 Act so

long as the

Company remains subject to such requirements and the filing of such reports and other documents is required for the applicable provisions of Rule 144; and

(c) furnish to each Investor so long as such Investor owns Registrable Securities, promptly upon request, (i) a written statement by the Company, if true, that it has complied with the reporting requirements of Rule 144, the 1933 Act and the 1934 Act, (ii) a copy of the most recent annual or quarterly report of the Company and such other reports and documents so filed by the Company, and (iii) such other information as may be reasonably requested to permit the Investors to sell such securities pursuant to Rule 144 without registration.

9. Assignment of Registration Rights.

The rights under this Agreement shall be automatically assignable by the Investors to any transferee of all or any portion of such Investor's Registrable Securities if: (i) the Investor agrees in writing with the transferee or assignee to assign such rights, and a copy of such agreement is furnished to the Company within a reasonable time after such assignment; (ii) the Company is, within a reasonable time after such transfer or assignment, furnished with written notice of (a) the name and address of such transferee or assignee, and (b) the securities with respect to which such registration rights are being transferred or assigned; (iii) immediately following such transfer or assignment the further disposition of such securities by the transferee or assignee is restricted under the 1933 Act or applicable state securities laws; (iv) at or before the time the Company receives the written notice contemplated by clause (ii) of this sentence the transferee or assignee agrees in writing with the Company to be bound by all of the provisions contained herein; and (v) such transfer shall have been made in accordance with the applicable requirements of the Amended Purchase Agreement.

10. Amendment of Registration Rights.

Provisions of this Agreement may be amended and the observance thereof may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and the Required Holders. Any amendment or waiver effected in accordance with this Section 10 shall be binding upon each Investor and the Company. No such amendment shall be effective to the extent that it applies to less than all of the holders of the Registrable Securities. No consideration shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of this Agreement unless the same consideration also is offered to all of the parties to this Agreement.

11. Miscellaneous.

(a) A Person is deemed to be a holder of Registrable Securities whenever such Person owns or is deemed to own of record such Registrable Securities. If the Company receives conflicting instructions, notices or elections from two or more Persons with respect to the same Registrable Securities, the Company shall act upon the basis of instructions, notice or election received from such record owner of such Registrable Securities.

(b) Any notices, consents, waivers or other communications required or permitted to be given under the terms of this Agreement must be in writing and will be deemed to have been delivered: (i) upon receipt, when delivered personally; (ii) upon receipt,

when sent by facsimile (provided confirmation of transmission is mechanically or electronically generated and kept on file by the sending party); or (iii) one Business Day after deposit with a nationally recognized overnight delivery service, in each case properly addressed to the party to receive the same. The addresses and facsimile numbers for such communications shall be:

If to the Company:

Marshall Edwards, Inc.
11975 El Camino Real, Suite 101
San Diego, California 92130
Telephone: (858) 792-6300
Facsimile: (858) 792-5406
Attention: Secretary

With a copy (for informational purposes only) to:

Morgan, Lewis & Bockius LLP
101 Park Avenue
New York, NY 10178
Telephone: (212) 309-6000
Facsimile: (212) 309-6001
Attention: Steven A. Navarro, Esq.

If to the Transfer Agent:

Computershare Inc.
350 Indiana Street, Suite 750
Golden, CO 80401
Telephone: (303) 262-0678
Facsimile: (303) 262-0610
Attention: Christine Abbey

If to Legal Counsel:

Schulte Roth & Zabel LLP
919 Third Avenue
New York, New York 10022
Telephone: (212) 756-2000
Facsimile: (212) 593-5955
Attention: Eleazer Klein, Esq.

If to a Buyer, to its address and facsimile number set forth on the Schedule of Buyers attached hereto, with copies to such Buyer's representatives as set forth on the Schedule of Buyers, or to such other address and/or facsimile number and/or to the attention of such other Person as the recipient party has specified by written notice given to each other party five (5) days prior to the

effectiveness of such change. Written confirmation of receipt (A) given by the recipient of such notice, consent, waiver or other communication, (B) mechanically or electronically generated by the sender's facsimile machine containing the time, date, recipient facsimile number and an image of the first page of such transmission or (C) provided by a courier or overnight courier service shall be rebuttable evidence of personal service, receipt by facsimile or receipt from a nationally recognized overnight delivery service in accordance with clause (i), (ii) or (iii) above, respectively.

(c) Failure of any party to exercise any right or remedy under this Agreement or otherwise, or delay by a party in exercising such right or remedy, shall not operate as a waiver thereof.

(d) All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. Each party hereby irrevocably submits to the exclusive jurisdiction of the 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, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address for such notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. **EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION HEREWITH OR ARISING OUT OF THIS AGREEMENT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

(e) If any provision of this Agreement is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Agreement so long as this Agreement as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

(f) This Agreement, the other Transaction Documents (as defined in the Amended Purchase Agreement) and the instruments referenced herein and therein constitute the entire agreement among the parties hereto with respect to the subject matter hereof and thereof. There are no restrictions, promises, warranties or undertakings, other than those set forth or referred to herein and therein. This Agreement, the other Transaction Documents and the instruments referenced herein and therein supersede all prior agreements and understandings among the parties hereto with respect to the subject matter hereof and thereof.

(g) Subject to the requirements of Section 9, this Agreement shall inure to the benefit of and be binding upon the permitted successors and assigns of each of the parties hereto.

(h) The headings in this Agreement are for convenience of reference only and shall not limit or otherwise affect the meaning hereof.

(i) This Agreement may be executed in identical counterparts, each of which shall be deemed an original but all of which shall constitute one and the same agreement. This Agreement, once executed by a party, may be delivered to the other party hereto by facsimile transmission of a copy of this Agreement bearing the signature of the party so delivering this Agreement.

(j) Each party shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as any other party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

(k) All consents and other determinations required to be made by the Investors pursuant to this Agreement shall be made, unless otherwise specified in this Agreement, by the Required Holders, determined as if all of the outstanding Warrants then held by Investors have been exercised for Registrable Securities without regard to any limitations on exercise of the Warrants.

(l) The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent and no rules of strict construction will be applied against any party.

(m) This Agreement is intended for the benefit of the parties hereto and their respective permitted successors and assigns, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person.

(n) The obligations of each Investor hereunder are several and not joint with the obligations of any other Investor, and no provision of this Agreement is intended to confer any obligations on any Investor vis-à-vis any other Investor. Nothing contained herein, and no action taken by any Investor pursuant hereto, shall be deemed to constitute the Investors as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Investors are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated herein.

[Signature Page Follows]

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

COMPANY:

MARSHALL EDWARDS, INC.

By: /s/ Daniel P. Gold

Name: Daniel P. Gold

Title: Chief Executive Officer

[Signature Page to Amended and Restated Registration Rights Agreement]

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

BUYERS:

HUDSON BAY MASTER FUND LTD.

By: Hudson Bay Capital Management LP, Investment Manager

By: /s/ Yoav Roth

Name: Yoav Roth

Title: Authorized Signatory

[Signature Page to Amended and Restated Registration Rights Agreement]

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

BUYERS:

CAPITAL VENTURES INTERNATIONAL

By: /s/ Martin Kobinger

Name: Martin Kobinger

Title: Investment Manager

[Signature Page to Amended and Restated Registration Rights Agreement]

SCHEDULE OF BUYERS

Buyer

Buyer Address
and Facsimile Number

Buyer's Representative's Address
and Facsimile Number

Hudson Bay Master Fund Ltd.

c/o Hudson Bay Capital Management LP
120 Broadway, 40th Floor
New York, New York 10271
Attention: Yoav Roth
George Antonopolous
Facsimile: 646-214-7946
Telephone: 212-571-1244
Residence: Cayman Islands
E-mail: investments@hudsonbaycapital.com
operations@hudsonbaycapital.com

Schulte Roth & Zabel LLP
919 Third Avenue
New York, NY 10022
Attn: Eleazer Klein, Esq.
Facsimile: (212) 593-5955
Telephone: (212) 756-2000

Capital Ventures International

c/o Heights Capital Management
101 California Street Suite 3250
San Francisco, CA 94111
Attention: Martin Kobinger and Sam Winer
Facsimile: 415-403-6595
Telephone: 415-403-6550
Residence: Cayman Islands
Email: kobinger@sig.com;
winer@sig.com

FORM OF NOTICE OF EFFECTIVENESS OF REGISTRATION STATEMENT

Computershare Inc.
350 Indiana Street, Suite 750
Golden, CO 80401
Telephone: (303) 262-0678
Facsimile: (303) 262-0610
Attention: Christine Abbey

Re: Marshall Edwards, Inc.

Ladies and Gentlemen:

[We are][I am] counsel to Marshall Edwards, Inc., a Delaware corporation (the "**Company**"), and have represented the Company in connection with that certain Amended and Restated Securities Purchase Agreement, dated as of May 16, 2011 (the "**Amended Purchase Agreement**"), entered into by and among the Company and the buyers named therein (collectively, the "**Holders**") pursuant to which the Company issued to the Holders shares (the "**Common Shares**") of the Company's common stock, par value \$0.00000002 per share (the "**Common Stock**") and certain warrants exercisable for shares of Common Stock (the "**Warrants**"). Pursuant to the Amended Purchase Agreement, the Company also has entered into an Amended and Restated Registration Rights Agreement with the Holders (the "**Amended Registration Rights Agreement**") pursuant to which the Company agreed, among other things, to register the resale of the Registrable Securities (as defined in the Amended Registration Rights Agreement), including the Common Shares and shares of Common Stock issuable upon exercise of certain Warrants under the Securities Act of 1933, as amended (the "**1933 Act**"). In connection with the Company's obligations under the Amended Registration Rights Agreement, on _____, 2011, the Company filed a Registration Statement on Form S-3 (File No. 333-_____) (the "**Registration Statement**") with the Securities and Exchange Commission (the "**SEC**") relating to the Registrable Securities which names each of the Holders as a selling stockholder thereunder.

In connection with the foregoing, [we][I] advise you that a member of the SEC's staff has advised [us][me] by telephone that the SEC has entered an order declaring the Registration Statement effective under the 1933 Act at [ENTER TIME OF EFFECTIVENESS] on [ENTER DATE OF EFFECTIVENESS] and [we][I] have no knowledge, after telephonic inquiry of a member of the SEC's staff, that any stop order suspending its effectiveness has been issued or that any proceedings for that purpose are pending before, or threatened by, the SEC and the Registrable Securities are available for resale under the 1933 Act pursuant to the Registration Statement.

This letter shall serve as our standing instruction to you that the shares of Common Stock are freely transferable by the Holders pursuant to the Registration Statement. You need not require further letters from us to effect any future legend-free issuance or reissuance of shares of Common Stock to the Holders as contemplated by the Company's Irrevocable Transfer Agent Instructions dated May __, 2011.

Very truly yours,

[ISSUER'S COUNSEL]

By: _____

CC: [LIST NAMES OF HOLDERS]

SELLING STOCKHOLDERS

The shares of common stock being offered by the selling stockholders are those previously issued to the Selling Stockholders and those issuable to the Selling Stockholders upon exercise of certain warrants. For additional information regarding the issuance of common stock and the warrants, see "Private Placement of Common Shares and Warrants" above. We are registering the shares of common stock in order to permit the selling stockholders to offer the shares for resale from time to time. Except for the ownership of the shares of common stock and the warrants issued pursuant to the Amended Purchase Agreement, the selling stockholders have not had any material relationship with us within the past three years.

The table below lists the selling stockholders and other information regarding the beneficial ownership of the shares of common stock by each of the selling stockholders. The second column lists the number of shares of common stock beneficially owned by each selling stockholder, based on its ownership of the shares of common stock and the warrants, as of _____, 2011, assuming exercise of the warrants held by the selling stockholders on that date, without regard to any limitations on exercise.

The third column lists the shares of common stock being offered by this prospectus by the selling stockholders.

In accordance with the terms of a registration rights agreement with the selling stockholders, this prospectus generally covers the resale of at least the sum of (i) the number of shares of common stock issued and (ii) 100% of the number of shares of common stock issued and issuable upon exercise of certain of the related warrants, determined as if those outstanding warrants were exercised, as applicable, in full, as of the trading day immediately preceding the date this registration statement was initially filed with the SEC. Because the exercise price and number of warrant shares underlying the warrants may be adjusted, the number of shares that will actually be issued may be more or less than the number of shares being offered by this prospectus. The fourth column assumes the sale of all of the shares offered by the selling stockholders pursuant to this prospectus.

Under the terms of the warrants, a selling stockholder may not exercise the warrants, to the extent such exercise would cause such selling stockholder, together with its affiliates, to beneficially own a number of shares of common stock which would exceed 9.99% of our then outstanding shares of common stock following such exercise, excluding for purposes of such determination shares of common stock issuable upon exercise of the warrants which have not been exercised. The number of shares in the second column does not reflect this limitation. The selling stockholders may sell all, some or none of their shares in this offering. See "Plan of Distribution."

Annex I-1

<u>Name of Selling Stockholder</u>	<u>Number of Shares of Common Stock Owned Prior to Offering</u>	<u>Maximum Number of Shares of Common Stock to be Sold Pursuant to this Prospectus</u>	<u>Number of Shares of Common Stock Owned After Offering</u>
Hudson Bay Master Fund Ltd. (1)			0

[Other Buyers]

- (1) Hudson Bay Capital Management, L.P., the investment manager of Hudson Bay Master Fund Ltd., has voting and investment power over these securities. Sander Gerber is the managing member of Hudson Bay Capital GP LLC, which is the general partner of Hudson Bay Capital Management, L.P. Sander Gerber disclaims beneficial ownership over these securities.

PLAN OF DISTRIBUTION

We are registering the shares of common stock previously issued to the selling stockholders and the shares of common stock issuable upon exercise of the warrants to permit the resale of these shares of common stock by the holders of the warrants from time to time after the date of this prospectus. We will not receive any of the proceeds from the sale by the selling stockholders of the shares of common stock. We will bear all fees and expenses incident to our obligation to register the shares of common stock.

The selling stockholders may sell all or a portion of the shares of common stock beneficially owned by them and offered hereby from time to time directly or through one or more underwriters, broker-dealers or agents. If the shares of common stock are sold through underwriters or broker-dealers, the selling stockholders will be responsible for underwriting discounts or commissions or agent's commissions. The shares of common stock may be sold in one or more transactions at fixed prices, at prevailing market prices at the time of the sale, at varying prices determined at the time of sale, or at negotiated prices. These sales may be effected in transactions, which may involve crosses or block transactions,

- on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale;
- in the over-the-counter market;
- in transactions otherwise than on these exchanges or systems or in the over-the-counter market;
- through the writing of options, whether such options are listed on an options exchange or otherwise;
- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- short sales;
- sales pursuant to Rule 144;
- broker-dealers may agree with the selling securityholders to sell a specified number of such shares at a stipulated price per share;

- a combination of any such methods of sale; and
- any other method permitted pursuant to applicable law.

If the selling stockholders effect such transactions by selling shares of common stock to or through underwriters, broker-dealers or agents, such underwriters, broker-dealers or agents may receive commissions in the form of discounts, concessions or commissions from the selling stockholders or commissions from purchasers of the shares of common stock for whom they may act as agent or to whom they may sell as principal (which discounts, concessions or commissions as to particular underwriters, broker-dealers or agents may be in excess of those customary in the types of transactions involved). In connection with sales of the shares of common stock or otherwise, the selling stockholders may enter into hedging transactions with broker-dealers, which may in turn engage in short sales of the shares of common stock in the course of hedging in positions they assume. The selling stockholders may also sell shares of common stock short and deliver shares of common stock covered by this prospectus to close out short positions and to return borrowed shares in connection with such short sales. The selling stockholders may also loan or pledge shares of common stock to broker-dealers that in turn may sell such shares.

The selling stockholders may pledge or grant a security interest in some or all of the warrants or shares of common stock owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the shares of common stock from time to time pursuant to this prospectus or any amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act of 1933, as amended, amending, if necessary, the list of selling stockholders to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus. The selling stockholders also may transfer and donate the shares of common stock in other circumstances in which case the transferees, donees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

The selling stockholders and any broker-dealer participating in the distribution of the shares of common stock may be deemed to be “underwriters” within the meaning of the Securities Act, and any commission paid, or any discounts or concessions allowed to, any such broker-dealer may be deemed to be underwriting commissions or discounts under the Securities Act. At the time a particular offering of the shares of common stock is made, a prospectus supplement, if required, will be distributed which will set forth the aggregate amount of shares of common stock being offered and the terms of the offering, including the name or names of any broker-dealers or agents, any discounts, commissions and other terms constituting compensation from the selling stockholders and any discounts, commissions or concessions allowed or reallocated or paid to broker-dealers.

Under the securities laws of some states, the shares of common stock may be sold in such states only through registered or licensed brokers or dealers. In addition, in some states the shares of common stock may not be sold unless such shares have been registered or qualified for sale in such state or an exemption from registration or qualification is available and is complied with.

There can be no assurance that any selling stockholder will sell any or all of the shares of common stock registered pursuant to the registration statement, of which this prospectus forms a part.

The selling stockholders and any other person participating in such distribution will be subject to applicable provisions of the Securities Exchange Act of 1934, as amended, and the rules and regulations thereunder, including, without limitation, Regulation M of the Exchange Act, which may limit the timing of purchases and sales of any of the shares of common stock by the selling stockholders and any other participating person. Regulation M may also restrict the ability of any person engaged in the distribution of the shares of common stock to engage in market-making activities with respect to the shares of common stock. All of the foregoing may affect the marketability of the shares of common stock and the ability of any person or entity to engage in market-making activities with respect to the shares of common stock.

We will pay all expenses of the registration of the shares of common stock pursuant to the registration rights agreement, estimated to be \$[] in total, including, without limitation, Securities and Exchange Commission filing fees and expenses of compliance with state securities or “blue sky” laws; provided, however, that a selling stockholder will pay all underwriting discounts and selling commissions, if any. We will indemnify the selling stockholders against liabilities, including some liabilities under the Securities Act, in accordance with the registration rights agreements, or the selling stockholders will be entitled to contribution. We may be indemnified by the selling stockholders against civil liabilities, including liabilities under the Securities Act, that may arise from any written information furnished to us by the selling stockholder specifically for use in this prospectus, in accordance with the related registration rights agreement, or we may be entitled to contribution.

Once sold under the registration statement, of which this prospectus forms a part, the shares of common stock will be freely tradable in the hands of persons other than our affiliates.

Annex I-5

AMENDED AND RESTATED VOTING AGREEMENT

AMENDED AND RESTATED VOTING AGREEMENT, dated as of May 16, 2011 (this “**Agreement**”), by and among Marshall Edwards, Inc., a Delaware corporation (the “**Company**”), and Novogen Limited, as majority stockholder of the Company (the “**Stockholder**”).

WHEREAS, the Company and certain investors (each, an “**Investor**”, and collectively, the “**Investors**”) have entered into an Amended and Restated Securities Purchase Agreement, dated as of May 16, 2011 (the “**Amended Purchase Agreement**”), pursuant to which, among other things, the Company has agreed to issue and sell to the Investors and the Investors have agreed to purchase, (i) shares (the “**Common Shares**”) of the common stock of the Company, par value \$0.00000002 per share (the “**Common Stock**”), and (ii) two (2) series of warrants which will be exercisable to purchase shares of Common Stock.

WHEREAS, as of the date hereof, the Stockholder owns 5,240,829 shares of Common Stock, which represent in the aggregate approximately 65.1 % of the total issued and outstanding capital stock of the Company; and

WHEREAS, as a condition to the willingness of the Investors to enter into the Amended Purchase Agreement and to consummate the transactions contemplated thereby (collectively, the “**Transaction**”), the Investors have required that the Stockholder agrees, and in order to induce the Investors to enter into the Amended Purchase Agreement, the Stockholder has agreed, to enter into this Agreement with respect to all the Common Stock now owned and which may hereafter be acquired by the Stockholders and any other securities, if any, which such Stockholder is currently entitled to vote, or after the date hereof, becomes entitled to vote, including but not limited to the Common Stock issuable upon conversion of the Company’s Series A Convertible Preferred Stock, par value \$0.01 per share (the “**Series A Convertible Preferred Stock**”), at any meeting of stockholders of the Company (the “**Other Securities**”).

NOW, THEREFORE, in consideration of the foregoing and the mutual covenants and agreements contained herein, and intending to be legally bound hereby, the parties hereto hereby agree as follows:

ARTICLE I

VOTING AGREEMENT OF THE STOCKHOLDER

SECTION 1.01. Voting Agreement. Subject to the last sentence of this Section 1.01, the Stockholder hereby agrees that at any meeting of the stockholders of the Company, however called, and in any action by written consent of the Company’s stockholders, the Stockholder shall vote the Common Stock and the Other Securities: (a) in favor of the Stockholder Approval (as defined in the Amended Purchase Agreement) as described in Section 4(p) of the Amended Purchase Agreement; and (b) against any proposal or any other corporate action or agreement that would result in a breach of any covenant, representation or warranty or any other obligation or agreement of the Company under the Amended Purchase Agreement or which could result in any of the conditions to the Company’s obligations under the Amended Purchase Agreement not being fulfilled. The Stockholder acknowledges receipt and review of a copy of the Amended Purchase Agreement and the other Transaction Documents (as

defined in the Amended Purchase Agreement). The obligations of the Stockholder under this Section 1.01 shall terminate immediately following the occurrence of the Stockholder Approval.

ARTICLE II

REPRESENTATIONS AND WARRANTIES OF THE STOCKHOLDER

The Stockholder hereby represents and warrants to each of the Investors as follows:

SECTION 2.01. Authority Relative to this Agreement. The Stockholder has all necessary legal capacity, power and authority to execute and deliver this Agreement, to perform its obligations hereunder and to consummate the transactions contemplated hereby. This Agreement has been duly executed and delivered by the Stockholder and constitutes a legal, valid and binding obligation of the Stockholder, enforceable against the Stockholder in accordance with its terms, except (a) as such enforceability may be limited by applicable bankruptcy, insolvency, reorganization, fraudulent conveyance, moratorium or similar laws now or hereafter in effect relating to, or affecting generally the enforcement of creditors' and other obligees' rights, (b) where the remedy of specific performance or other forms of equitable relief may be subject to certain equitable defenses and principles and to the discretion of the court before which the proceeding may be brought, and (c) where rights to indemnity and contribution thereunder may be limited by applicable law and public policy.

SECTION 2.02. No Conflict. (a) The execution and delivery of this Agreement by the Stockholder does not, and the performance of this Agreement by the Stockholder shall not, (i) conflict with or violate any federal, state or local law, statute, ordinance, rule, regulation, order, judgment or decree applicable to the Stockholder or by which the Common Stock or the Other Securities owned by the Stockholder are bound or affected or (ii) result in any breach of or constitute a default (or an event that with notice or lapse of time or both would become a default) under, or give to others any rights of termination, amendment, acceleration or cancellation of, or result in the creation of a lien or encumbrance on any of the Common Stock or the Other Securities owned by the Stockholder pursuant to, any note, bond, mortgage, indenture, contract, agreement, lease, license, permit, franchise or other instrument or obligation to which the Stockholder is a party or by which the Stockholder or the Common Stock or Other Securities owned by the Stockholder are bound.

(b) The execution and delivery of this Agreement by the Stockholder does not, and the performance of this Agreement by the Stockholder shall not, require any consent, approval, authorization or permit of, or filing with or notification to, any governmental entity by the Stockholder.

SECTION 2.03. Title to the Stock. As of the date hereof, the Stockholder is the owner of the number of shares of Common Stock set forth opposite its name on Appendix A attached hereto, entitled to vote, without restriction, on all matters brought before holders of capital stock of the Company, which Common Stock represent on the date hereof the percentage of the outstanding stock and voting power of the Company set forth on such Appendix. Such Common Stock, together with 1,000 shares of the Company's Series A Convertible Preferred Stock, are all the securities of the Company owned, either of record or beneficially, by the Stockholder. Such Common Stock are owned free and clear of all security interests, liens,

claims, pledges, options, rights of first refusal, agreements, limitations on the Stockholder's voting rights, charges and other encumbrances of any nature whatsoever. The Stockholder has not appointed or granted any proxy, which appointment or grant is still effective, with respect to the Common Stock or Other Securities owned by the Stockholder.

SECTION 2.04. No Voting Rights. Holders of the Series A Convertible Preferred Stock are not entitled to vote any shares of such Series A Convertible Preferred Stock.

ARTICLE III

COVENANTS

SECTION 3.01. No Disposition or Encumbrance of Stock. The Stockholder hereby covenants and agrees that, until the Stockholder Approval has been obtained, except as contemplated by this Agreement, the Stockholder shall not offer or agree to sell, transfer, tender, assign, hypothecate or otherwise dispose of, grant a proxy or power of attorney with respect to, or create or permit to exist any security interest, lien, claim, pledge, option, right of first refusal, agreement, limitation on such Stockholder's voting rights, charge or other encumbrance of any nature whatsoever ("**Encumbrance**") with respect to the Common Stock or Other Securities, directly or indirectly, initiate, solicit or encourage any person to take actions which could reasonably be expected to lead to the occurrence of any of the foregoing; provided, however, that the Stockholder may assign, sell or transfer any Common Stock or Other Securities provided that any such recipient of the Common Stock or Other Securities has delivered to the Company and each Investor a written agreement in a form reasonably satisfactory to the Investors that the recipient shall be bound by, and the Common Stock and/or Other Securities so transferred, assigned or sold shall remain subject to this Agreement.

SECTION 3.02. Company Cooperation. The Company hereby covenants and agrees that it will not, and the Stockholder irrevocably and unconditionally acknowledges and agrees that the Company will not (and waives any rights against the Company in relation thereto), recognize any Encumbrance or agreement on any of the Common Stock or Other Securities subject to this Agreement unless the provisions of Section 3.01 have been complied with. The Company agrees to use its reasonable best efforts to ensure that at any time in which any Stockholder Approval is required pursuant to Section 3.1(a) of the Amended Purchase Agreement, it will cause holders of Common Stock or Other Securities representing the percentage of outstanding capital stock required to vote in favor of the Transaction in order for the Company to comply with its obligations under Section 3.1(a) of the Amended Purchase Agreement to become party to and bound by the terms and conditions of this Agreement and the Common Stock and Other Securities held by such holders to be subject to the terms and conditions of this Agreement.

ARTICLE IV

MISCELLANEOUS

SECTION 4.01. Further Assurances. The Stockholder will execute and deliver such further documents and instruments and take all further action as may be reasonably necessary in order to consummate the transactions contemplated hereby.

SECTION 4.02. Specific Performance. The parties hereto agree that irreparable damage would occur in the event any provision of this Agreement was not performed in accordance with the terms hereof and that any Investor (without being joined by any other Investor) shall be entitled to specific performance of the terms hereof, in addition to any other remedy at law or in equity. Any Investor shall be entitled to its reasonable attorneys' fees in any action brought to enforce this Agreement in which it is the prevailing party.

SECTION 4.03. Entire Agreement. This Agreement constitutes the entire agreement among the Company and the Stockholder with respect to the subject matter hereof and supersedes all prior agreements and understandings, both written and oral, among the Company and the Stockholder with respect to the subject matter hereof.

SECTION 4.04. Amendment. The provisions of this Agreement may not be amended or waived, nor may this Agreement be terminated by the Company other than pursuant to the provisions of Section 4.07.

SECTION 4.05. Severability. If any provision of this Agreement is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Agreement so long as this Agreement as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

SECTION 4.06. Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The parties hereby agree that all actions or proceedings arising directly or indirectly from or in connection with this Agreement shall be litigated only in the Supreme Court of the State of New York or the United States District Court for the Southern District of New York located in New York County, New York. The parties consent to the jurisdiction and venue of the foregoing courts and consent that any process or notice of motion or other application to any of said courts or a judge thereof may be served inside or outside the State of New York or the Southern District of New York by registered mail, return receipt requested, directed to the party being served at its address set forth on the signature pages to this Agreement (and service so made shall be deemed complete three (3) days after the same has been posted as aforesaid) or by personal service or in such other manner as may be permissible under the rules of said courts. Each of the Company and the Stockholder irrevocably waives, to the fullest extent permitted by law, any objection which it may now or hereafter have to the laying of the venue of any such suit, action, or proceeding brought in such a court and any claim that suit, action, or proceeding has been brought in an inconvenient forum. Each Stockholder hereby appoints Morgan, Lewis & Bockius LLP, with offices at 101 Park

Avenue, New York, NY 10178, as its agent for service of process in the United States. **EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION WITH OR ARISING OUT OF THIS AGREEMENT OR ANY TRANSACTION CONTEMPLATED HEREBY.**

SECTION 4.07. Termination. This Agreement shall terminate immediately following the occurrence of the Stockholder Approval.

[Signature Page Follows]

IN WITNESS WHEREOF, the Stockholder and the Company have duly executed this Agreement.

THE COMPANY:

MARSHALL EDWARDS, INC.

By: /s/ Daniel P. Gold

Name: Daniel P. Gold

Title: Chief Executive Officer

Dated: May 16, 2011

Address: Marshall Edwards Inc.
11975 El Camino Real
Suite 101
San Diego, CA 92130

STOCKHOLDER:

NOVOGEN LIMITED

By: /s/ William D. Rueckert

Name: William D. Rueckert

Title: Chairman

Dated: May 16, 2011

Address: 140 Wicks Road
North Ryde, New South Wales
Australia

APPENDIX A

<u>Stockholder</u>	<u>Common Stock Owned</u>	<u>Percentage of Stock Outstanding</u>	<u>Voting Percentage of Stock Outstanding</u>
Novogen Limited	5,240,829	65.1%	65.1%

MARSHALL EDWARDS, INC.

Form of Amended and Restated Lock-Up Agreement

May 16, 2011

Marshall Edwards, Inc.
11975 El Camino Real
Suite 101
San Diego, CA 92130

Re: Marshall Edwards, Inc. – Lock-Up Agreement

Dear Sirs:

This Amended and Restated Lock-Up Agreement is being delivered to you in connection with the Amended and Restated Securities Purchase Agreement (the “**Amended Purchase Agreement**”), dated as of May 16, 2011 by and among Marshall Edwards, Inc. (the “**Company**”) and the investors party thereto (the “**Buyers**”), with respect to the issuance of (i) common stock, par value \$0.00000002 per share (the “**Common Stock**”) and (ii) warrants (the “**Warrants**”) which Warrants will be exercisable to purchase Common Stock in accordance with their terms. Capitalized terms used herein and not otherwise defined herein shall have the respective meanings set forth in the Amended Purchase Agreement.

In order to induce the Buyers to enter into the Amended Purchase Agreement, the undersigned agrees that, commencing on the date hereof and ending on [the date that is the earlier of (i) the date ninety (90) days after the date when all Registrable Securities (as defined in the Registration Rights Agreement) and Adjustment Shares (x) have been registered pursuant to a Registration Statement (as defined in the Registration Rights Agreement) that is available for the resale of all such Registrable Securities and Adjustment Shares or (y) can be sold pursuant to Rule 144 without any restrictions or limitations and (ii) the date thirteen (13) months after the Closing Date]¹ (the “**Lock-Up Period**”), the undersigned will not, and will cause all affiliates (as defined in Rule 144) of the undersigned or any person in privity with the undersigned or any affiliate of the undersigned not to, (i) sell, offer to sell, contract or agree to sell, hypothecate, pledge, grant any option to purchase, make any short sale or otherwise dispose of or agree to dispose of, directly or indirectly, any shares of Common Stock or Common Stock Equivalents, or establish or increase a put equivalent position or liquidate or decrease a call equivalent position within the meaning of Section 16 of the Securities and Exchange Act of 1934, as amended and the rules and regulations of the Securities and Exchange Commission promulgated thereunder with respect to any shares of Common Stock or Common Stock Equivalents owned directly by the undersigned (including holding as a custodian) or with respect to which the undersigned has beneficial ownership within the rules and regulations of the Securities and Exchange Commission (collectively, the “**Undersigned’s Shares**”), or (ii) enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of any of the Undersigned’s Shares, whether any such

¹ For Lock-Up Agreement to be signed by Novogen Limited, replace with “December 24, 2011”.

transaction described in clause (i) or (ii) above is to be settled by delivery of shares of Common Stock or other securities, in cash or otherwise, (iii) make any demand for or exercise any right or cause to be filed a registration statement, including any amendments thereto, with respect to the registration of any shares of Common Stock or Common Stock Equivalents or (iv)² publicly disclose the intention to do any of the foregoing.

The foregoing restriction is expressly agreed to preclude the undersigned, and any affiliate of the undersigned and any person in privity with the undersigned or any affiliate of the undersigned, from engaging in any hedging or other transaction which is designed to or which reasonably could be expected to lead to or result in a sale or disposition of the Undersigned's Shares even if the Undersigned's Shares would be disposed of by someone other than the undersigned. Such prohibited hedging or other transactions would include, without limitation, any short sale or any purchase, sale or grant of any right (including, without limitation, any put or call option) with respect to any of the Undersigned's Shares or with respect to any security that includes, relates to, or derives any significant part of its value from the Undersigned's Shares.

Notwithstanding the foregoing, the undersigned may transfer the Undersigned's Shares as a *bona fide* gift or gifts, provided that the donee or donees thereof agree to be bound in writing by the restrictions set forth herein. The undersigned now has, and, except as contemplated by the immediately preceding sentence, for the duration of this Lock-Up Agreement will have, good and marketable title to the Undersigned's Shares, free and clear of all liens, encumbrances, and claims whatsoever. The undersigned also agrees and consents to the entry of stop transfer instructions with the Company's transfer agent and registrar (the "**Transfer Agent**") against the transfer of the Undersigned's Shares except in compliance with the foregoing restrictions.

In order to enforce this covenant, the Company shall impose irrevocable stop-transfer instructions preventing the Transfer Agent from effecting any actions in violation of this Lock-Up Agreement.

The undersigned acknowledges that the execution, delivery and performance of this Lock-Up Agreement is a material inducement to each Buyer to complete the transactions contemplated by the Amended Purchase Agreement and that the Company shall be entitled to specific performance of the undersigned's obligations hereunder. The undersigned hereby represents that the undersigned has the power and authority to execute, deliver and perform this Lock-Up Agreement, that the undersigned has received adequate consideration therefor and that the undersigned will indirectly benefit from the closing of the transactions contemplated by the Amended Purchase Agreement.

The undersigned understands and agrees that this Lock-Up Agreement is irrevocable and shall be binding upon the undersigned's heirs, legal representatives, successors, and assigns.

This Lock-Up Agreement may be executed in two counterparts, each of which shall be deemed an original but both of which shall be considered one and the same instrument.

² For Lock-Up Agreement to be signed by Novogen Limited, add: "other than in any filing required to be made with the United States or Australian regulatory authorities in connection with any applicable shareholder approval requirements in order to effect a distribution of Common Stock by the Undersigned to its shareholders".

This Lock-Up Agreement will be governed by and construed in accordance with the laws of the State of New York, without giving effect to any choice of law or conflicting provision or rule (whether of the State of New York, or any other jurisdiction) that would cause the laws of any jurisdiction other than the State of New York to be applied. In furtherance of the foregoing, the internal laws of the State of New York will control the interpretation and construction of this Lock-Up Agreement, even if under such jurisdiction's choice of law or conflict of law analysis, the substantive law of some other jurisdiction would ordinarily apply.

[Remainder of page intentionally left blank]

Very truly yours,

Exact Name of Stockholder

Authorized Signature

Title

Agreed to and Acknowledged:

MARSHALL EDWARDS, INC.

By: _____

Name:

Title:

FORM OF SERIES A WARRANT

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, IN A FORM REASONABLY ACCEPTABLE TO THE COMPANY, 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.

MARSHALL EDWARDS, INC.

WARRANT TO PURCHASE COMMON STOCK

Warrant No.: A-1

Number of Shares of Common Stock: 1,125,282

Date of Issuance: May [___], 2011 (“**Issuance Date**”)

Marshall Edwards, Inc., a company organized under the laws of Delaware (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [_____], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon surrender of this Warrant to Purchase Common Stock (including any Warrants to Purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the six month anniversary of the date hereof (the “**Initial Exercisability Date**”), but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), one million one hundred twenty five thousand two hundred eighty two (1,125,282) fully paid nonassessable shares of Common Stock, par value \$0.00000002 per share, subject to adjustment as provided herein (the “**Warrant Shares**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 16. This Warrant is one of the Warrants to purchase Common Stock (the “**SPA Warrants**”) issued pursuant to Section 1 of that certain Amended and Restated Securities Purchase Agreement, dated as of May [16], 2011 (the “**Subscription Date**”), by and among the Company and the investors (the “**Buyers**”) referred to therein (the “**Amended Securities Purchase Agreement**”).

1. EXERCISE OF WARRANT

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any time or times on or after the Initial Exercisability Date, in whole or in part, by (i) delivery of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant and (ii) (A) payment to the Company of an amount equal to the applicable Exercise Price multiplied by the number of Warrant Shares as to which this Warrant is being exercised (the “**Aggregate Exercise Price**”) in cash or by wire transfer of immediately available funds or (B) by notifying the Company that this Warrant is being exercised pursuant to a Cashless Exercise (as defined in Section 1(d)). The Holder shall not be required to deliver the original Warrant in order to effect an exercise hereunder. Execution and delivery of the Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as reducing the number of Warrant Shares on the face of this Warrant to the remaining number of Warrant Shares underlying this Warrant. On or before the first (1st) Trading Day following the date on which the Company has received the Exercise Notice, the Company shall transmit by facsimile an acknowledgment of confirmation of receipt of the Exercise Notice to the Holder and the Company’s transfer agent (the “**Transfer Agent**”). On or before the third (3rd) Trading Day following the date on which the Exercise Notice has been delivered to the Company (the “**Share Delivery Date**”) (provided that if the Aggregate Exercise Price (unless notice of Cashless Exercise was given in the Exercise Notice) has not been delivered by such date, the Share Delivery Date shall be one Trading Day after the Aggregate Exercise Price is delivered), the Company shall (X) provided that the Transfer Agent is participating in The Depository Trust Company (“**DTC**”) Fast Automated Securities Transfer Program, credit such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit / Withdrawal At Custodian system, or (Y) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program or upon the request of the Holder, issue and dispatch by overnight courier to the address as specified in the Exercise Notice, a certificate, registered in the Company’s share register in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder is entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any. Upon proper delivery of the Exercise Notice (provided that payment of the Aggregate Exercise Price or notice of Cashless Exercise is delivered in accordance herewith, as applicable), the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares, as the case may be. If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise, then the Company shall as soon as practicable and in no event later than three (3) Trading Days after any exercise and at its own expense, issue a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares issuable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be

issued shall be rounded up to the nearest whole number. The Company shall pay any and all taxes which may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant. NOTWITHSTANDING ANY PROVISION OF THIS WARRANT TO THE CONTRARY, NO MORE THAN THE MAXIMUM ELIGIBILITY NUMBER OF WARRANT SHARES SHALL BE EXERCISABLE HEREUNDER.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means \$1.57, subject to adjustment as provided herein.

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail for any reason or for no reason to issue to the Holder on or before the Share Delivery Date, a certificate for the number of shares of Common Stock to which the Holder is entitled and register such shares of Common Stock on the Company’s share register or to credit the Holder’s balance account with DTC for such number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise of this Warrant, then, in addition to all other remedies available to the Holder, the Company shall pay in cash to the Holder on each day after such Share Delivery Date that the issuance of such shares of Common Stock is not timely effected an amount equal to 1.5% of the product of (A) the sum of the number of shares of Common Stock not issued to the Holder on a timely basis and to which the Holder is entitled and (B) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the last possible date which the Company could have issued such shares of Common Stock to the Holder without violating Section 1(a). In addition to the foregoing, if on or prior to the Share Delivery Date the Company shall fail to issue and deliver a certificate to the Holder and register such shares of Common Stock on the Company’s share register or credit the Holder’s balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise hereunder or pursuant to the Company’s obligation pursuant to clause (ii) below, and if on or after such Trading Day the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of shares of Common Stock issuable upon such exercise that the Holder anticipated receiving from the Company (a “**Buy-In**”), then the Company shall, within three (3) Trading Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions and other reasonable out-of-pocket expenses, if any) for the shares of Common Stock so purchased (the “**Buy-In Price**”), at which point the Company’s obligation to deliver such certificate (and to issue such shares of Common Stock) or credit such Holder’s balance account with DTC shall terminate, or (ii) promptly honor its obligation to deliver to the Holder a certificate or certificates representing such shares of Common Stock or credit such Holder’s balance account with DTC and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock, times (B) the Closing Bid Price on the date of exercise.

(d) Cashless Exercise. Notwithstanding anything contained herein to the contrary, if a Registration Statement (as defined in the Amended Registration Rights Agreement) covering the resale of the Warrant Shares that are the subject of the Exercise Notice pursuant to the 1933 Act (the “**Unavailable Warrant Shares**”) is not available for the resale of such Unavailable Warrant Shares, the Holder may, in its sole discretion, exercise this Warrant in whole or in part and, in lieu of making the cash payment otherwise contemplated to be made to the Company upon such exercise in payment of the Aggregate Exercise Price, elect instead to

receive upon such exercise the “Net Number” of shares of Common Stock determined according to the following formula (a “Cashless Exercise”):

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

For purposes of the foregoing formula:

- A= the total number of shares with respect to which this Warrant is then being exercised.
- B= the arithmetic average of the Weighted Average Prices of the Common Stock (as reported by Bloomberg) for the five (5) consecutive Trading Days ending on the date immediately preceding the date of the Exercise Notice.
- C= the Exercise Price then in effect for the applicable Warrant Shares at the time of such exercise.
- D= the Weighted Average Price of the Common Stock on the Exercise Date.

For purposes of Rule 144(d) promulgated under the 1933 Act, as in effect on the date hereof, it is intended and the Company acknowledges that the Warrant Shares issued in a Cashless Exercise shall be deemed to have been acquired by the Holder, and the holding period for the Warrant Shares shall be deemed to have commenced, on the Issuance Date.

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the Warrant Shares, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 12.

(f) Limitations on Exercises. The Company shall not effect the exercise of this Warrant and the Holder shall not have the right to exercise this Warrant, to the extent that after giving effect to such exercise, such Person (together with such Person’s affiliates) would beneficially own in excess of 9.99% (the “Maximum Percentage”) of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Person and its affiliates shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (i) exercise of the remaining, unexercised portion of this Warrant beneficially owned by such Person and its affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company beneficially owned by such Person and its affiliates (including, without limitation, any convertible notes or convertible preferred stock or warrants) subject to a

limitation on conversion or exercise analogous to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this paragraph, beneficial ownership shall be calculated in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the “**1934 Act**”). For purposes of this Warrant, in determining the number of outstanding shares of Common Stock, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (1) the Company’s most recent Form 10-K, Form 10-Q, Current Report on Form 8-K or other public filing with the Securities and Exchange Commission, as the case may be, (2) a more recent public announcement by the Company or (3) any other notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including the SPA Warrants, by the Holder and its affiliates since the date as of which such number of outstanding shares of Common Stock was reported. By written notice to the Company, the Holder may from time to time increase or decrease the Maximum Percentage to any other percentage not in excess of 9.99% specified in such notice; provided that (i) any such increase will not be effective until the sixty-first (61st) day after such notice is delivered to the Company, and (ii) any such increase or decrease will apply only to the Holder and not to any other holder of SPA Warrants. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(f) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended beneficial ownership limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation.

(g) Insufficient Authorized Shares. If at any time while this Warrant remains outstanding the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve for issuance upon exercise of this Warrant at least a number of shares of Common Stock equal to 100% (the “**Required Reserve Amount**”) of the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of all of this Warrant then outstanding (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for this Warrant then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal.

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

(a) Adjustment upon Issuance of shares of Common Stock. If and whenever on or after the Subscription Date, the Company issues or sells, or in accordance with this Section 2 is deemed to have issued or sold, any shares of Common Stock (including the issuance or sale of shares of Common Stock owned or held by or for the account of the Company, but excluding shares of Common Stock deemed to have been issued by the Company in connection with any Excluded Securities (as defined below) for a consideration per share (the “**New Issuance Price**”) less than a price (the “**Applicable Price**”) equal to the Exercise Price in effect immediately prior to such issue or sale or deemed issuance or sale (the foregoing a “**Dilutive Issuance**”), then immediately after such Dilutive Issuance, the Exercise Price then in effect shall be reduced to an amount equal to the New Issuance Price. For purposes of determining the adjusted Exercise Price under this Section 2(a), the following shall be applicable:

(i) Issuance of Options. If the Company in any manner grants any Options and the lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Option or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the granting or sale of such Option for such price per share. For purposes of this Section 2(a)(i), the “lowest price per share for which one share of Common Stock is issuable upon exercise of such Options or upon conversion, exercise or exchange of such Convertible Securities issuable upon exercise of any such Option” shall be equal to the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to any one share of Common Stock upon the granting or sale of the Option, upon exercise of the Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such Option less any consideration paid or payable by the Company with respect to such one share of Common Stock upon the granting or sale of such Option, upon exercise of such Option and upon conversion exercise or exchange of any Convertible Security issuable upon exercise of such Option. No further adjustment of the Exercise Price or number of Warrant Shares shall be made upon the actual issuance of such shares of Common Stock or of such Convertible Securities upon the exercise of such Options or upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities.

(ii) Issuance of Convertible Securities. If the Company in any manner issues or sells any Convertible Securities and the lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof is less than the Applicable Price, then such

share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the issuance or sale of such Convertible Securities for such price per share. For the purposes of this Section 2(a)(ii), the “lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof” shall be equal to the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to one share of Common Stock upon the issuance or sale of the Convertible Security and upon conversion, exercise or exchange of such Convertible Security less any consideration paid or payable by the Company with respect to such one share of Common Stock upon the issuance or sale of such Convertible Security and upon conversion, exercise or exchange of such Convertible Security. No further adjustment of the Exercise Price or number of Warrant Shares shall be made upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities, and if any such issue or sale of such Convertible Securities is made upon exercise of any Options for which adjustment of this Warrant has been or is to be made pursuant to other provisions of this Section 2(a), no further adjustment of the Exercise Price or number of Warrant Shares shall be made by reason of such issue or sale.

(iii) Change in Option Price or Rate of Conversion. If the purchase price provided for in any Options, the additional consideration, if any, payable upon the issue, conversion, exercise or exchange of any Convertible Securities, or the rate at which any Convertible Securities are convertible into or exercisable or exchangeable for shares of Common Stock increases or decreases at any time, the Exercise Price and the number of Warrant Shares in effect at the time of such increase or decrease shall be adjusted to the Exercise Price and the number of Warrant Shares which would have been in effect at such time had such Options or Convertible Securities provided for such increased or decreased purchase price, additional consideration or increased or decreased conversion rate, as the case may be, at the time initially granted, issued or sold. For purposes of this Section 2(a)(iii), if the terms of any Option or Convertible Security that was outstanding as of the date of issuance of this Warrant are increased or decreased in the manner described in the immediately preceding sentence, then such Option or Convertible Security and the shares of Common Stock deemed issuable upon exercise, conversion or exchange thereof shall be deemed to have been issued as of the date of such increase or decrease. No adjustment pursuant to this Section 2(a) shall be made if such adjustment would result in an increase of the Exercise Price then in effect or a decrease in the number of Warrant Shares.

(iv) Calculation of Consideration Received. In case any Option is issued in connection with the issue or sale of other securities of the Company, together comprising one integrated transaction, (x) the Options

will be deemed to have been issued for the Option Value of such Options and (y) the other securities issued or sold in such integrated transaction shall be deemed to have been issued for the difference of (I) the aggregate consideration received by the Company less any consideration paid or payable by the Company pursuant to the terms of such other securities of the Company, less (II) the Option Value. If any shares of Common Stock, Options or Convertible Securities are issued or sold or deemed to have been issued or sold for cash, the consideration received therefor will be deemed to be the net amount received by the Company therefor. If any shares of Common Stock, Options or Convertible Securities are issued or sold for a consideration other than cash, the amount of such consideration received by the Company will be the fair value of such consideration, except where such consideration consists of securities, in which case the amount of consideration received by the Company will be the Closing Sale Price of such security on the date of receipt. If any shares of Common Stock, Options or Convertible Securities are issued to the owners of the non-surviving entity in connection with any merger in which the Company is the surviving entity, the amount of consideration therefor will be deemed to be the fair value of such portion of the net assets and business of the non-surviving entity as is attributable to such shares of Common Stock, Options or Convertible Securities, as the case may be. The fair value of any consideration other than cash or securities will be determined jointly by the Company and the Required Holders. If such parties are unable to reach agreement within ten (10) days after the occurrence of an event requiring valuation (the “**Valuation Event**”), the fair value of such consideration will be determined within five (5) Trading Days after the tenth (10th) day following the Valuation Event by an independent, reputable appraiser jointly selected by the Company and the Required Holders. The determination of such appraiser shall be final and binding upon all parties absent manifest error and the fees and expenses of such appraiser shall be borne by the Company.

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

(b) Voluntary Adjustment By Company. The Company may at any time during the term of this Warrant reduce the then current Exercise Price to any amount and for any period of time deemed appropriate by the Board of Directors of the Company.

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

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

(e) Stockholder Approval. Unless and until such time as the Company obtains the Stockholder Approval (as defined in the Amended Securities Purchase Agreement), no adjustment pursuant to this Section 2 shall cause the Exercise Price to be less than \$1.57, as adjusted for any stock dividend, stock split, stock combination, reclassification or similar transaction (the "**Exercise Floor Price**"). Upon the receipt of the Stockholder Approval any adjustment to the Exercise Price and number of Warrant Shares that would have made pursuant to this Section 2 but for this Section 2(e) shall be made on the date of such receipt.

3. RIGHTS UPON DISTRIBUTION OF ASSETS. If the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "**Distribution**"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Maximum Percentage) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the

Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Maximum Percentage.

4. PURCHASE RIGHTS; FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights.

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless (i) the Successor Entity assumes in writing (unless the Company is the Successor Entity) all of the obligations of the Company under this Warrant and the other Transaction Documents in accordance with the provisions of this Section (4)(b) pursuant to written agreements in form and substance reasonably satisfactory to the Required Holders and approved by the Required Holders prior to such Fundamental Transaction, including agreements to deliver to each holder of the SPA Warrants in exchange for such SPA Warrants a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, including, without limitation, an adjusted exercise price equal to the value for the shares of Common Stock reflected by the terms of such Fundamental Transaction, and exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and reasonably satisfactory to the Required Holders and (ii) the Successor Entity (including its Parent Entity) is a publicly traded corporation whose common stock is quoted on or listed for trading on an Eligible Market. Upon the occurrence of any Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Warrant referring to the "Company" shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant with the same effect as if such Successor Entity had been named as the Company herein. Upon consummation of the Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets or other property) issuable upon the exercise of the Warrant prior to such Fundamental Transaction, such shares of the publicly traded common stock or common shares (or its equivalent) of the Successor Entity (including its Parent Entity) which the Holder would have been entitled to receive upon the happening of such Fundamental Transaction had this Warrant been converted immediately prior to such Fundamental Transaction, as adjusted in accordance with the provisions of this Warrant. In addition to and not in substitution for any other rights

hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of shares of Common Stock are entitled to receive securities or other assets with respect to or in exchange for shares of Common Stock (a “**Corporate Event**”), the Company shall make appropriate provision to insure that the Holder will thereafter have the right to receive upon an exercise of this Warrant at any time after the consummation of the Corporate Event but prior to the Expiration Date, in lieu of shares of Common Stock (or other securities, cash, assets or other property) purchasable upon the exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the happening of such Corporate Event had this Warrant been exercised immediately prior to such Corporate Event. Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Required Holders. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events and shall be applied without regard to any limitations on the exercise of this Warrant.

(c) Notwithstanding the foregoing, in the event of a Fundamental Transaction, at the request of the Holder delivered before the ninetieth (90th) day after the consummation of such Fundamental Transaction, the Company (or the Successor Entity) shall purchase this Warrant from the Holder by paying to the Holder, within five (5) Business Days after such request (or, if later, on the effective date of the Fundamental Transaction), cash in an amount equal to the Black Scholes Value of the remaining unexercised portion of this Warrant on the date of such Fundamental Transaction.

5. **NONCIRCUMVENTION**. The Company hereby covenants and agrees that the Company will not, by amendment of its Certificate of Incorporation or Bylaws, or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issue or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (i) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (ii) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable shares of Common Stock upon the exercise of this Warrant, and (iii) shall, so long as any of the SPA Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the SPA Warrants, 100% of the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the SPA Warrants then outstanding (without regard to any limitations on exercise).

6. **WARRANT HOLDER NOT DEEMED A STOCKHOLDER**. Except as otherwise specifically provided herein, the Holder, solely in such Person’s capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in such Person’s capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of

stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which such Person is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

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

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

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

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

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 9(f) of the Securities Purchase Agreement. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of

Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock other than pursuant to an Approved Stock Plan or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation, provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder.

9. **AMENDMENT AND WAIVER.** Except as otherwise provided herein, the provisions of this Warrant may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder.

10. **GOVERNING LAW.** This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York.

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

12. **DISPUTE RESOLUTION.** In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the Warrant Shares, the Company shall submit the disputed determinations or arithmetic calculations via facsimile within two (2) Business Days of receipt of the Exercise Notice giving rise to such dispute, as the case may be, to the Holder. If the Holder and the Company are unable to agree upon such determination or calculation of the Exercise Price or the Warrant Shares within three (3) Business Days of such disputed determination or arithmetic calculation being submitted to the Holder, then the Company shall, within two (2) Business Days submit via facsimile (a) the disputed determination of the Exercise Price to an independent, reputable investment bank selected by the Company and approved by the Holder or (b) the disputed arithmetic calculation of the Warrant Shares to the Company's independent, outside accountant. The Company shall cause at its expense the investment bank or the accountant, as the case may be, to perform the determinations or calculations and notify the Company and the Holder of the results no later than ten Business Days from the time it receives the disputed determinations or calculations. Such investment bank's or accountant's determination or calculation, as the case may be, shall be binding upon all parties absent demonstrable error.

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

obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to an injunction restraining any breach, without the necessity of showing economic loss and without any bond or other security being required.

14. **TRANSFER.** This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company, except as may otherwise be required by Section 2(f) of the Amended Securities Purchase Agreement.

15. **SEVERABILITY.** If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

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

(a) **“Amended Registration Rights Agreement”** means that certain amended and restated registration rights agreement by and among the Company and the Buyers.

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

(c) **“Black Scholes Value”** means the value of this Warrant based on the Black and Scholes Option Pricing Model obtained from the “OV” function on Bloomberg determined as of the Trading Day immediately following the public announcement of the applicable Fundamental Transaction for pricing purposes and reflecting (i) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the remaining term of this Warrant as of such date of request, (ii) an expected volatility equal to the greater of 100% and the 100 day volatility obtained from the HVT function on Bloomberg as of the day immediately following the public announcement of the applicable Fundamental Transaction, (iii) the underlying price per share used in such calculation shall be the sum of the price per share being offered in cash, if any, plus the value of any non cash consideration, if any, being offered in the Fundamental Transaction and (iv) a 360 day annualization factor.

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

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

(f) “**Closing Bid Price**” and “**Closing Sale Price**” means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the “pink sheets” by Pink Sheets LLC (formerly the National Quotation Bureau, Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 12. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

(g) “**Common Stock**” means (i) the Company’s shares of Common Stock, par value \$0.00000002 per share, and (ii) any share capital into which such Common Stock shall have been changed or any share capital resulting from a reclassification of such Common Stock.

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

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

(j) “**Expiration Date**” means the date five years after the Initial Exercisability Date or, if such date falls on a day other than a Business Day or on which trading does not take place on the Principal Market (a “**Holiday**”), the next day that is not a Holiday.

(k) “**Excluded Securities**” means: (i) any equity or equity equivalent security of the Company issued or issuable, including any shares of Common Stock issued or

issuable upon conversion or exercise thereof, in connection with any Approved Stock Plan, (ii) any shares of Common Stock issued or issuable upon exercise of any Warrants; provided that the terms of such Warrants are not amended, modified or changed on or after the Subscription Date, (iii) any shares of Common Stock issued or issuable pursuant to Section 1(b) of the Amended Securities Purchase Agreement; (iv) any shares of Common Stock issued or issuable upon conversion of any Options or Convertible Securities which are outstanding on the day immediately preceding the Subscription Date, provided that the terms of such Options or Convertible Securities are not amended, modified or changed on or after the Subscription Date and (v) the Series A Preferred Stock, par value \$0.01 per share, of the Company issued to Novogen Limited (“**Novogen**”) pursuant to the Asset Purchase Agreement, dated as of December 21, 2010, by and among the Company, Novogen and Novogen Research Pty Limited in the form attached to the Current Report on Form 8-K filed by the Company on December 22, 2010 (the “**Asset Purchase Agreement**”) (the “**Series A Preferred Stock**”) and the shares of Common Stock issuable upon conversion by Novogen of the Series A Preferred Stock on the terms set forth in the certificate of designations attached as Exhibit A to the Asset Purchase Agreement.

(l) “**Fundamental Transaction**” means that (A) the Company shall, directly or indirectly, in one or more related transactions, (i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Person, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company to another Person, or (iii) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock purchase agreement or other business combination), or (iv) reorganize, recapitalize or reclassify its Common Stock, (B) a Person makes a purchase, tender or exchange offer that is accepted by the holders of more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer) or (C) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the 1934 Act) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, of (x) 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not beneficially owned by such Person on the Subscription Date or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Person to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their shares of Common Stock without approval of the stockholders of the Company.

(m) “**Maximum Eligibility Number**” means initially a number of shares equal to 75% of the number of Common Shares (as defined in the Amended Securities Purchase Agreement) issued to the Holder on the Issuance Date and shall be successively increased (but not decreased) upon each exercise of the Holder’s Series B Warrants (as defined in the Amended Securities Purchase Agreement) by an amount equal to 75% of the number of shares of Common Stock issued upon each such exercise of the Series B Warrants.

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

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

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

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

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

(s) “**Required Holders**” means the holders of the SPA Warrants representing at least seventy-five percent (75%) of the shares of Common Stock underlying the SPA Warrants then outstanding.

(t) “**Successor Entity**” means the Person (or, if so elected by the Required Holders, the Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or the Person (or, if so elected by the Required Holders, the Parent Entity) with which such Fundamental Transaction shall have been entered into.

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

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

[Signature Page Follows]

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

MARSHALL EDWARDS, INC.

By: _____

Name:

Title:

EXERCISE NOTICE

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

MARSHALL EDWARDS, INC.

The undersigned holder hereby exercises the right to purchase _____ of the Common Stock ("**Warrant Shares**") of Marshall Edwards, Inc., a company incorporated under the laws of Delaware (the "**Company**"), evidenced by the attached Warrant to Purchase Common Stock (the "**Warrant**"). Capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Warrant.

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

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

_____ a "Cashless Exercise" with respect to _____ Warrant Shares.

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

3. Delivery of Warrant Shares. The Company shall deliver to the holder _____ Warrant Shares in accordance with the terms of the Warrant.

Account Number (if electronic book entry transfer): _____

DTC Participant Number (if electronic book entry transfer): _____

Date: _____, _____

Name of Registered Holder

By: _____

Name:

Title:

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Computershare, Inc. to issue the above indicated number of shares of Common Stock in accordance with the Transfer Agent Instructions dated May [___], 2011 from the Company and acknowledged and agreed to by Computershare, Inc.

MARSHALL EDWARDS, INC.

By: _____
Name:
Title:

FORM OF SERIES B WARRANT

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, IN A FORM REASONABLY ACCEPTABLE TO THE COMPANY, 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.

MARSHALL EDWARDS, INC.

WARRANT TO PURCHASE COMMON STOCK

Warrant No.: B-1

Number of Shares of Common Stock: 1,082,767

Date of Issuance: May [___], 2011 (“**Issuance Date**”)

Marshall Edwards, Inc., a company organized under the laws of Delaware (the “**Company**”), hereby certifies that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, [_____], the registered holder hereof or its permitted assigns (the “**Holder**”), is entitled, subject to the terms set forth below, to purchase from the Company, at the Exercise Price (as defined below) then in effect, upon surrender of this Warrant to Purchase Common Stock (including any Warrants to Purchase Common Stock issued in exchange, transfer or replacement hereof, the “**Warrant**”), at any time or times on or after the Series B Eligibility Date (the “**Initial Exercisability Date**”), but not after 11:59 p.m., New York time, on the Expiration Date (as defined below), one million eighty two thousand seven hundred sixty seven (1,082,767) fully paid nonassessable shares of Common Stock, par value \$0.00000002 per share, subject to adjustment as provided herein (the “**Warrant Shares**”). Except as otherwise defined herein, capitalized terms in this Warrant shall have the meanings set forth in Section 16. This Warrant is one of the Warrants to purchase Common Stock (the “**SPA Warrants**”) issued pursuant to Section 1 of that certain Amended and Restated Securities Purchase Agreement, dated as of May [16], 2011 (the “**Subscription Date**”), by and among the Company and the investors (the “**Buyers**”) referred to therein (the “**Amended Securities Purchase Agreement**”).

1. EXERCISE OF WARRANT

(a) Mechanics of Exercise. Subject to the terms and conditions hereof (including, without limitation, the limitations set forth in Section 1(f)), this Warrant may be exercised by the Holder on any time or times on or after the Initial Exercisability Date, in whole or in part, by (i) delivery of a written notice, in the form attached hereto as Exhibit A (the “**Exercise Notice**”), of the Holder’s election to exercise this Warrant and (ii) payment to the Company of an amount equal to the applicable Exercise Price multiplied by the number of Warrant Shares as to which this Warrant is being exercised (the “**Aggregate Exercise Price**”) in cash or by wire transfer of immediately available funds. The Holder shall not be required to deliver the original Warrant in order to effect an exercise hereunder. Execution and delivery of the Exercise Notice with respect to less than all of the Warrant Shares shall have the same effect as reducing the number of Warrant Shares on the face of this Warrant to the remaining number of Warrant Shares underlying this Warrant. On or before the first (1st) Trading Day following the date on which the Company has received the Exercise Notice, the Company shall transmit by facsimile an acknowledgment of confirmation of receipt of the Exercise Notice to the Holder and the Company’s transfer agent (the “**Transfer Agent**”). On or before the third (3rd) Trading Day following the date on which the Exercise Notice has been delivered to the Company (the “**Share Delivery Date**”) (provided that if the Aggregate Exercise Price has not been delivered by such date, the Share Delivery Date shall be one Trading Day after the Aggregate Exercise Price is delivered), the Company shall (X) provided that the Transfer Agent is participating in The Depository Trust Company (“**DTC**”) Fast Automated Securities Transfer Program, credit such aggregate number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the Holder’s or its designee’s balance account with DTC through its Deposit / Withdrawal At Custodian system, or (Y) if the Transfer Agent is not participating in the DTC Fast Automated Securities Transfer Program or upon the request of the Holder, issue and dispatch by overnight courier to the address as specified in the Exercise Notice, a certificate, registered in the Company’s share register in the name of the Holder or its designee, for the number of shares of Common Stock to which the Holder is entitled pursuant to such exercise. The Company shall be responsible for all fees and expenses of the Transfer Agent and all fees and expenses with respect to the issuance of Warrant Shares via DTC, if any. Upon proper delivery of the Exercise Notice (provided that payment of the Aggregate Exercise Price is delivered in accordance herewith, as applicable), the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date such Warrant Shares are credited to the Holder’s DTC account or the date of delivery of the certificates evidencing such Warrant Shares, as the case may be. If this Warrant is submitted in connection with any exercise pursuant to this Section 1(a) and the number of Warrant Shares represented by this Warrant submitted for exercise is greater than the number of Warrant Shares being acquired upon an exercise, then the Company shall as soon as practicable and in no event later than three (3) Trading Days after any exercise and at its own expense, issue a new Warrant (in accordance with Section 7(d)) representing the right to purchase the number of Warrant Shares issuable immediately prior to such exercise under this Warrant, less the number of Warrant Shares with respect to which this Warrant is exercised. No fractional shares of Common Stock are to be issued upon the exercise of this Warrant, but rather the number of shares of Common Stock to be issued shall be rounded up to the nearest whole number. The Company shall pay any and all taxes which may be payable with respect to the issuance and delivery of Warrant Shares upon exercise of this Warrant.

(b) Exercise Price. For purposes of this Warrant, “**Exercise Price**” means the lowest of (i) \$1.333, subject to adjustment as provided herein, (ii) (A) if with respect to a forced exercise pursuant to Section 4A, eighty five percent (85%) of the arithmetic average of the lowest eight (8) Weighted Average Prices of the Common Stock during the twenty (20) consecutive Trading Day period immediately following the fifth (5th) Trading Day following the Forced Exercise Notice Date or (B) if with respect to an exercise by the Holder pursuant to Section 1(a), eighty five percent (85%) of the arithmetic average of the lowest eight (8) Weighted Average Prices of the Common Stock during the twenty (20) consecutive Trading Day period ending on the Trading Day immediately preceding the date of delivery of the Exercise Notice and (iii) the lowest deemed consideration per share of Common Stock (as determined in accordance with the provisions of Section 2(a) of the Series A Warrants (as defined in the Amended Securities Purchase Agreement)) issued in any Allowed Subsequent Placement (as defined in the Amended Securities Purchase Agreement).

(c) Company’s Failure to Timely Deliver Securities. If the Company shall fail for any reason or for no reason to issue to the Holder on or before the Share Delivery Date, a certificate for the number of shares of Common Stock to which the Holder is entitled and register such shares of Common Stock on the Company’s share register or to credit the Holder’s balance account with DTC for such number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise of this Warrant, then, in addition to all other remedies available to the Holder, the Company shall pay in cash to the Holder on each day after such Share Delivery Date that the issuance of such shares of Common Stock is not timely effected an amount equal to 1.5% of the product of (A) the sum of the number of shares of Common Stock not issued to the Holder on a timely basis and to which the Holder is entitled and (B) the Closing Sale Price of the Common Stock on the Trading Day immediately preceding the last possible date which the Company could have issued such shares of Common Stock to the Holder without violating Section 1(a). In addition to the foregoing, if on or prior to the Share Delivery Date the Company shall fail to issue and deliver a certificate to the Holder and register such shares of Common Stock on the Company’s share register or credit the Holder’s balance account with DTC for the number of shares of Common Stock to which the Holder is entitled upon the Holder’s exercise hereunder or pursuant to the Company’s obligation pursuant to clause (ii) below, and if on or after such Trading Day the Holder purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by the Holder of shares of Common Stock issuable upon such exercise that the Holder anticipated receiving from the Company (a “**Buy-In**”), then the Company shall, within three (3) Trading Days after the Holder’s request and in the Holder’s discretion, either (i) pay cash to the Holder in an amount equal to the Holder’s total purchase price (including brokerage commissions and other reasonable out-of-pocket expenses, if any) for the shares of Common Stock so purchased (the “**Buy-In Price**”), at which point the Company’s obligation to deliver such certificate (and to issue such shares of Common Stock) or credit such Holder’s balance account with DTC shall terminate, or (ii) promptly honor its obligation to deliver to the Holder a certificate or certificates representing such shares of Common Stock or credit such Holder’s balance account with DTC and pay cash to the Holder in an amount equal to the excess (if any) of the Buy-In Price over the product of (A) such number of shares of Common Stock, times (B) the Closing Bid Price on the date of exercise.

(d) [Intentionally Omitted]

(e) Disputes. In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the Warrant Shares, the Company shall promptly issue to the Holder the number of Warrant Shares that are not disputed and resolve such dispute in accordance with Section 12.

(f) Limitations on Exercises. The Company shall not effect the exercise of this Warrant and the Holder shall not have the right to exercise this Warrant, to the extent that after giving effect to such exercise, such Person (together with such Person's affiliates) would beneficially own in excess of 9.99% (the "**Maximum Percentage**") of the shares of Common Stock outstanding immediately after giving effect to such exercise. For purposes of the foregoing sentence, the aggregate number of shares of Common Stock beneficially owned by such Person and its affiliates shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which the determination of such sentence is being made, but shall exclude shares of Common Stock which would be issuable upon (i) exercise of the remaining, unexercised portion of this Warrant beneficially owned by such Person and its affiliates and (ii) exercise or conversion of the unexercised or unconverted portion of any other securities of the Company beneficially owned by such Person and its affiliates (including, without limitation, any convertible notes or convertible preferred stock or warrants) subject to a limitation on conversion or exercise analogous to the limitation contained herein. Except as set forth in the preceding sentence, for purposes of this paragraph, beneficial ownership shall be calculated in accordance with Section 13(d) of the Securities Exchange Act of 1934, as amended (the "**1934 Act**"). For purposes of this Warrant, in determining the number of outstanding shares of Common Stock, the Holder may rely on the number of outstanding shares of Common Stock as reflected in (1) the Company's most recent Form 10-K, Form 10-Q, Current Report on Form 8-K or other public filing with the Securities and Exchange Commission, as the case may be, (2) a more recent public announcement by the Company or (3) any other notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. For any reason at any time, upon the written or oral request of the Holder, the Company shall within one (1) Business Day confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including the SPA Warrants, by the Holder and its affiliates since the date as of which such number of outstanding shares of Common Stock was reported. By written notice to the Company, the Holder may from time to time increase or decrease the Maximum Percentage to any other percentage not in excess of 9.99% specified in such notice; provided that (i) any such increase will not be effective until the sixty-first (61st) day after such notice is delivered to the Company, and (ii) any such increase or decrease will apply only to the Holder and not to any other holder of SPA Warrants. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 1(f) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended beneficial ownership limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation.

(g) Insufficient Authorized Shares. If at any time while this Warrant remains outstanding the Company does not have a sufficient number of authorized and unreserved shares of Common Stock to satisfy its obligation to reserve for issuance upon exercise of this Warrant at least a number of shares of Common Stock equal to 100% (the

“**Required Reserve Amount**”) of the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of all of this Warrant then outstanding (an “**Authorized Share Failure**”), then the Company shall immediately take all action necessary to increase the Company’s authorized shares of Common Stock to an amount sufficient to allow the Company to reserve the Required Reserve Amount for this Warrant then outstanding. Without limiting the generality of the foregoing sentence, as soon as practicable after the date of the occurrence of an Authorized Share Failure, but in no event later than sixty (60) days after the occurrence of such Authorized Share Failure, the Company shall hold a meeting of its stockholders for the approval of an increase in the number of authorized shares of Common Stock. In connection with such meeting, the Company shall provide each stockholder with a proxy statement and shall use its best efforts to solicit its stockholders’ approval of such increase in authorized shares of Common Stock and to cause its board of directors to recommend to the stockholders that they approve such proposal.

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

(a) Adjustment upon Issuance of shares of Common Stock. If and whenever on or after the Subscription Date, the Company issues or sells, or in accordance with this Section 2 is deemed to have issued or sold, any shares of Common Stock (including the issuance or sale of shares of Common Stock owned or held by or for the account of the Company, but excluding shares of Common Stock deemed to have been issued by the Company in connection with any Excluded Securities (as defined below) for a consideration per share (the “**New Issuance Price**”) less than a price (the “**Applicable Price**”) equal to the Exercise Price in effect immediately prior to such issue or sale or deemed issuance or sale (the foregoing a “**Dilutive Issuance**”), then immediately after such Dilutive Issuance, the Exercise Price then in effect shall be reduced to an amount equal to the New Issuance Price. For purposes of determining the adjusted Exercise Price under this Section 2(a), the following shall be applicable:

(i) Issuance of Options. If the Company in any manner grants any Options and the lowest price per share for which one share of Common Stock is issuable upon the exercise of any such Option or upon conversion, exercise or exchange of any Convertible Securities issuable upon exercise of any such Option is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the granting or sale of such Option for such price per share. For purposes of this Section 2(a)(i), the “lowest price per share for which one share of Common Stock is issuable upon exercise of such Options or upon conversion, exercise or exchange of such Convertible Securities issuable upon exercise of any such Option” shall be equal to the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to any one share of Common Stock upon the granting or sale of the Option, upon exercise of the Option and upon conversion, exercise or exchange of any Convertible Security issuable upon exercise of such

Option less any consideration paid or payable by the Company with respect to such one share of Common Stock upon the granting or sale of such Option, upon exercise of such Option and upon conversion exercise or exchange of any Convertible Security issuable upon exercise of such Option. No further adjustment of the Exercise Price or number of Warrant Shares shall be made upon the actual issuance of such shares of Common Stock or of such Convertible Securities upon the exercise of such Options or upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities.

(ii) Issuance of Convertible Securities. If the Company in any manner issues or sells any Convertible Securities and the lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof is less than the Applicable Price, then such share of Common Stock shall be deemed to be outstanding and to have been issued and sold by the Company at the time of the issuance or sale of such Convertible Securities for such price per share. For the purposes of this Section 2(a)(ii), the “lowest price per share for which one share of Common Stock is issuable upon the conversion, exercise or exchange thereof” shall be equal to the sum of the lowest amounts of consideration (if any) received or receivable by the Company with respect to one share of Common Stock upon the issuance or sale of the Convertible Security and upon conversion, exercise or exchange of such Convertible Security less any consideration paid or payable by the Company with respect to such one share of Common Stock upon the issuance or sale of such Convertible Security and upon conversion, exercise or exchange of such Convertible Security. No further adjustment of the Exercise Price or number of Warrant Shares shall be made upon the actual issuance of such shares of Common Stock upon conversion, exercise or exchange of such Convertible Securities, and if any such issue or sale of such Convertible Securities is made upon exercise of any Options for which adjustment of this Warrant has been or is to be made pursuant to other provisions of this Section 2(a), no further adjustment of the Exercise Price or number of Warrant Shares shall be made by reason of such issue or sale.

(iii) Change in Option Price or Rate of Conversion. If the purchase price provided for in any Options, the additional consideration, if any, payable upon the issue, conversion, exercise or exchange of any Convertible Securities, or the rate at which any Convertible Securities are convertible into or exercisable or exchangeable for shares of Common Stock increases or decreases at any time, the Exercise Price and the number of Warrant Shares in effect at the time of such increase or decrease shall be adjusted to the Exercise Price and the number of Warrant Shares which would have been in effect at such time had such Options or Convertible Securities provided for such increased or decreased purchase price, additional consideration or increased or decreased conversion rate, as the case may be, at the time initially granted, issued or sold. For

purposes of this Section 2(a)(iii), if the terms of any Option or Convertible Security that was outstanding as of the date of issuance of this Warrant are increased or decreased in the manner described in the immediately preceding sentence, then such Option or Convertible Security and the shares of Common Stock deemed issuable upon exercise, conversion or exchange thereof shall be deemed to have been issued as of the date of such increase or decrease. No adjustment pursuant to this Section 2(a) shall be made if such adjustment would result in an increase of the Exercise Price then in effect or a decrease in the number of Warrant Shares.

(iv) Calculation of Consideration Received. In case any Option is issued in connection with the issue or sale of other securities of the Company, together comprising one integrated transaction, (x) the Options will be deemed to have been issued for the Option Value of such Options and (y) the other securities issued or sold in such integrated transaction shall be deemed to have been issued for the difference of (I) the aggregate consideration received by the Company less any consideration paid or payable by the Company pursuant to the terms of such other securities of the Company, less (II) the Option Value. If any shares of Common Stock, Options or Convertible Securities are issued or sold or deemed to have been issued or sold for cash, the consideration received therefor will be deemed to be the net amount received by the Company therefor. If any shares of Common Stock, Options or Convertible Securities are issued or sold for a consideration other than cash, the amount of such consideration received by the Company will be the fair value of such consideration, except where such consideration consists of securities, in which case the amount of consideration received by the Company will be the Closing Sale Price of such security on the date of receipt. If any shares of Common Stock, Options or Convertible Securities are issued to the owners of the non-surviving entity in connection with any merger in which the Company is the surviving entity, the amount of consideration therefor will be deemed to be the fair value of such portion of the net assets and business of the non-surviving entity as is attributable to such shares of Common Stock, Options or Convertible Securities, as the case may be. The fair value of any consideration other than cash or securities will be determined jointly by the Company and the Required Holders. If such parties are unable to reach agreement within ten (10) days after the occurrence of an event requiring valuation (the “**Valuation Event**”), the fair value of such consideration will be determined within five (5) Trading Days after the tenth (10th) day following the Valuation Event by an independent, reputable appraiser jointly selected by the Company and the Required Holders. The determination of such appraiser shall be final and binding upon all parties absent manifest error and the fees and expenses of such appraiser shall be borne by the Company.

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

(b) Voluntary Adjustment By Company. The Company may at any time during the term of this Warrant reduce the then current Exercise Price to any amount and for any period of time deemed appropriate by the Board of Directors of the Company.

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

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

3. RIGHTS UPON DISTRIBUTION OF ASSETS. If the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a "**Distribution**"), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Maximum Percentage) immediately before the date of which a record is taken for such Distribution, or, if no such record

is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, to the extent that the Holder's right to participate in any such Distribution would result in the Holder exceeding the Maximum Percentage, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Maximum Percentage.

4. PURCHASE RIGHTS; FUNDAMENTAL TRANSACTIONS.

(a) Purchase Rights. In addition to any adjustments pursuant to Section 2 above, if at any time the Company grants, issues or sells any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of Common Stock (the "**Purchase Rights**"), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights.

(b) Fundamental Transactions. The Company shall not enter into or be party to a Fundamental Transaction unless (i) the Successor Entity assumes in writing (unless the Company is the Successor Entity) all of the obligations of the Company under this Warrant and the other Transaction Documents in accordance with the provisions of this Section (4)(b) pursuant to written agreements in form and substance reasonably satisfactory to the Required Holders and approved by the Required Holders prior to such Fundamental Transaction, including agreements to deliver to each holder of the SPA Warrants in exchange for such SPA Warrants a security of the Successor Entity evidenced by a written instrument substantially similar in form and substance to this Warrant, including, without limitation, an adjusted exercise price equal to the value for the shares of Common Stock reflected by the terms of such Fundamental Transaction, and exercisable for a corresponding number of shares of capital stock equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and reasonably satisfactory to the Required Holders and (ii) the Successor Entity (including its Parent Entity) is a publicly traded corporation whose common stock is quoted on or listed for trading on an Eligible Market. Upon the occurrence of any Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Warrant referring to the "Company" shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant with the same effect as if such Successor Entity had been named as the Company herein. Upon consummation of the Fundamental Transaction, the Successor Entity shall deliver to the Holder confirmation that there shall be issued upon exercise of this Warrant at any time after the consummation of the Fundamental Transaction, in lieu of the shares of Common Stock (or other securities, cash, assets

or other property) issuable upon the exercise of the Warrant prior to such Fundamental Transaction, such shares of the publicly traded common stock or common shares (or its equivalent) of the Successor Entity (including its Parent Entity) which the Holder would have been entitled to receive upon the happening of such Fundamental Transaction had this Warrant been converted immediately prior to such Fundamental Transaction, as adjusted in accordance with the provisions of this Warrant. In addition to and not in substitution for any other rights hereunder, prior to the consummation of any Fundamental Transaction pursuant to which holders of shares of Common Stock are entitled to receive securities or other assets with respect to or in exchange for shares of Common Stock (a “**Corporate Event**”), the Company shall make appropriate provision to insure that the Holder will thereafter have the right to receive upon an exercise of this Warrant at any time after the consummation of the Corporate Event but prior to the Expiration Date, in lieu of shares of Common Stock (or other securities, cash, assets or other property) purchasable upon the exercise of this Warrant prior to such Corporate Event, such shares of stock, securities, cash, assets or any other property whatsoever (including warrants or other purchase or subscription rights) which the Holder would have been entitled to receive upon the happening of such Corporate Event had this Warrant been exercised immediately prior to such Corporate Event. Provision made pursuant to the preceding sentence shall be in a form and substance reasonably satisfactory to the Required Holders. The provisions of this Section 4(b) shall apply similarly and equally to successive Fundamental Transactions and Corporate Events and shall be applied without regard to any limitations on the exercise of this Warrant.

(c) Notwithstanding the foregoing, in the event of a Fundamental Transaction, at the request of the Holder delivered before the ninetieth (90th) day after the consummation of such Fundamental Transaction, the Company (or the Successor Entity) shall purchase this Warrant from the Holder by paying to the Holder, within five (5) Business Days after such request (or, if later, on the effective date of the Fundamental Transaction), cash in an amount equal to the Black Scholes Value of the remaining unexercised portion of this Warrant on the date of such Fundamental Transaction.

4A. **FORCED EXERCISE.** From and after the twenty sixth (26th) Trading Day after the Initial Exercisability Date, the Company may deliver a notice to the Holder (a “**Forced Exercise Notice**” and, for purposes of this Section 4A, such date, the “**Forced Exercise Notice Date**”), of its irrevocable election to require the exercise of all, or any portion, of this Warrant, which notice must be delivered at least twenty six (26) Trading Days prior to date of such forced exercise. Subject to the provisions herein, the date of such forced exercise shall be the twenty sixth (26th) Trading Day after the Forced Exercise Notice Date (the “**Forced Exercise Date**”). The Company may only deliver a Forced Exercise Notice if there is no Equity Conditions Failure (unless the Holder has waived such Equity Conditions Failure) and the Company shall so certify in the Forced Exercise Notice and set forth the number of Warrant Shares to which the forced exercise relates (the “**Forced Exercise Share Number**”). The forced exercise thereunder may only occur on the Forced Exercise Date, if each of the following shall be true: (i) there is no Equity Conditions Failure (unless the Holder has waived such Equity Conditions Failure), (ii) the conditions in clauses (i) through (iii) of the definition of Series B Eligibility Date are satisfied and (iii) the daily dollar trading volume of shares traded on each Trading Day during the period from the Forced Exercise Notice Date through the Forced Exercise Date (but excluding the three (3) Trading Days with the lowest daily dollar trading volume during such period) is greater than 4% of the product of (a) the Forced Exercise Share Number and (b) the Exercise Price (clauses

(i), (ii) and (iii), the “**Forced Exercise Conditions**”). The Company shall deliver to the Holder a notice no later than 10:00 a.m., New York time on the Forced Exercise Date (the “**Forced Exercise Bring-Down Notice**”), which notice shall certify whether or not the Forced Exercise Conditions have been satisfied. If the Forced Exercise Conditions have not been satisfied at such time (and are not waived by the Holder), the Forced Exercise Notice will be null and void, ab initio. The Company may deliver up to two (2) Forced Exercise Notices hereunder provided that the second such notice may not be delivered until after the Forced Exercise Date relating to the previous Forced Exercise Notice. Notwithstanding the foregoing, nothing in this Warrant (including delivery of a Forced Exercise Notice) shall prevent the Holder from exercising this Warrant, in whole or part, on or prior to the Expiration Date. The Company covenants and agrees that it will honor all Exercise Notices tendered from the time of delivery of the Forced Exercise Notice through the Expiration Date. Upon an Equity Conditions Failure, the Holder may revoke any Exercise Notice delivered after the Forced Exercise Notice is received by the Holder and the Company, within one (1) Business Day of such revocation, shall return the Aggregate Exercise Price applicable to any such Exercise Notice(s) to the Holder by wire transfer of immediately available funds and any Warrants so exercised shall be deemed reinstated and returned to the Holder, if applicable. Any actions by the Company pursuant to this Section 4A, including delivery of any Forced Exercise Notice or determining a Forced Exercise Share Number shall be made pro rata with the Holder and all other Holders of Series B Warrants (as defined in the Amended Securities Purchase Agreement) based on the number of Series B Warrants initially issued on the Issuance Date.

5. NONCIRCUMVENTION. The Company hereby covenants and agrees that the Company will not, by amendment of its Certificate of Incorporation or Bylaws, or through any reorganization, transfer of assets, consolidation, merger, scheme of arrangement, dissolution, issue or sale of securities, or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, and will at all times in good faith carry out all the provisions of this Warrant and take all action as may be required to protect the rights of the Holder. Without limiting the generality of the foregoing, the Company (i) shall not increase the par value of any shares of Common Stock receivable upon the exercise of this Warrant above the Exercise Price then in effect, (ii) shall take all such actions as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable shares of Common Stock upon the exercise of this Warrant, and (iii) shall, so long as any of the SPA Warrants are outstanding, take all action necessary to reserve and keep available out of its authorized and unissued shares of Common Stock, solely for the purpose of effecting the exercise of the SPA Warrants, 100% of the number of shares of Common Stock as shall from time to time be necessary to effect the exercise of the SPA Warrants then outstanding (without regard to any limitations on exercise).

6. WARRANT HOLDER NOT DEEMED A STOCKHOLDER. Except as otherwise specifically provided herein, the Holder, solely in such Person’s capacity as a holder of this Warrant, shall not be entitled to vote or receive dividends or be deemed the holder of share capital of the Company for any purpose, nor shall anything contained in this Warrant be construed to confer upon the Holder, solely in such Person’s capacity as the Holder of this Warrant, any of the rights of a stockholder of the Company or any right to vote, give or withhold consent to any corporate action (whether any reorganization, issue of stock, reclassification of stock, consolidation, merger, conveyance or otherwise), receive notice of meetings, receive

dividends or subscription rights, or otherwise, prior to the issuance to the Holder of the Warrant Shares which such Person is then entitled to receive upon the due exercise of this Warrant. In addition, nothing contained in this Warrant shall be construed as imposing any liabilities on the Holder to purchase any securities (upon exercise of this Warrant or otherwise) or as a stockholder of the Company, whether such liabilities are asserted by the Company or by creditors of the Company, other than in connection with a forced exercise pursuant to Section 4A. Notwithstanding this Section 6, the Company shall provide the Holder with copies of the same notices and other information given to the stockholders of the Company generally, contemporaneously with the giving thereof to the stockholders.

7. REISSUANCE OF WARRANTS.

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

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

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

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

8. NOTICES. Whenever notice is required to be given under this Warrant, unless otherwise provided herein, such notice shall be given in accordance with Section 9(f) of the Securities Purchase Agreement. The Company shall provide the Holder with prompt written notice of all actions taken pursuant to this Warrant, including in reasonable detail a description of such action and the reason therefor. Without limiting the generality of the foregoing, the Company will give written notice to the Holder (i) immediately upon any adjustment of the Exercise Price, setting forth in reasonable detail, and certifying, the calculation of such adjustment and (ii) at least fifteen (15) days prior to the date on which the Company closes its books or takes a record (A) with respect to any dividend or distribution upon the shares of

Common Stock, (B) with respect to any grants, issuances or sales of any Options, Convertible Securities or rights to purchase stock, warrants, securities or other property to holders of shares of Common Stock other than pursuant to an Approved Stock Plan or (C) for determining rights to vote with respect to any Fundamental Transaction, dissolution or liquidation, provided in each case that such information shall be made known to the public prior to or in conjunction with such notice being provided to the Holder.

9. **AMENDMENT AND WAIVER.** Except as otherwise provided herein, the provisions of this Warrant may be amended and the Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company has obtained the written consent of the Holder.

10. **GOVERNING LAW.** This Warrant shall be governed by and construed and enforced in accordance with, and all questions concerning the construction, validity, interpretation and performance of this Warrant shall be governed by, the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York.

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

12. **DISPUTE RESOLUTION.** In the case of a dispute as to the determination of the Exercise Price or the arithmetic calculation of the Warrant Shares, the Company shall submit the disputed determinations or arithmetic calculations via facsimile within two (2) Business Days of receipt of the Exercise Notice giving rise to such dispute, as the case may be, to the Holder. If the Holder and the Company are unable to agree upon such determination or calculation of the Exercise Price or the Warrant Shares within three (3) Business Days of such disputed determination or arithmetic calculation being submitted to the Holder, then the Company shall, within two (2) Business Days submit via facsimile (a) the disputed determination of the Exercise Price to an independent, reputable investment bank selected by the Company and approved by the Holder or (b) the disputed arithmetic calculation of the Warrant Shares to the Company's independent, outside accountant. The Company shall cause at its expense the investment bank or the accountant, as the case may be, to perform the determinations or calculations and notify the Company and the Holder of the results no later than ten Business Days from the time it receives the disputed determinations or calculations. Such investment bank's or accountant's determination or calculation, as the case may be, shall be binding upon all parties absent demonstrable error.

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

obligations hereunder will cause irreparable harm to the Holder and that the remedy at law for any such breach may be inadequate. The Company therefore agrees that, in the event of any such breach or threatened breach, the holder of this Warrant shall be entitled, in addition to all other available remedies, to an injunction restraining any breach, without the necessity of showing economic loss and without any bond or other security being required.

14. TRANSFER. This Warrant may be offered for sale, sold, transferred or assigned without the consent of the Company, except as may otherwise be required by Section 2(f) of the Amended Securities Purchase Agreement.

15. SEVERABILITY. If any provision of this Warrant is prohibited by law or otherwise determined to be invalid or unenforceable by a court of competent jurisdiction, the provision that would otherwise be prohibited, invalid or unenforceable shall be deemed amended to apply to the broadest extent that it would be valid and enforceable, and the invalidity or unenforceability of such provision shall not affect the validity of the remaining provisions of this Warrant so long as this Warrant as so modified continues to express, without material change, the original intentions of the parties as to the subject matter hereof and the prohibited nature, invalidity or unenforceability of the provision(s) in question does not substantially impair the respective expectations or reciprocal obligations of the parties or the practical realization of the benefits that would otherwise be conferred upon the parties. The parties will endeavor in good faith negotiations to replace the prohibited, invalid or unenforceable provision(s) with a valid provision(s), the effect of which comes as close as possible to that of the prohibited, invalid or unenforceable provision(s).

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

(a) “**Amended Registration Rights Agreement**” means that certain amended and restated registration rights agreement by and among the Company and the Buyers.

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

(c) “**Black Scholes Value**” means the value of this Warrant based on the Black and Scholes Option Pricing Model obtained from the “OV” function on Bloomberg determined as of the Trading Day immediately following the public announcement of the applicable Fundamental Transaction for pricing purposes and reflecting (i) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the remaining term of this Warrant as of such date of request, (ii) an expected volatility equal to the greater of 100% and the 100 day volatility obtained from the HVT function on Bloomberg as of the day immediately following the public announcement of the applicable Fundamental Transaction, (iii) the underlying price per share used in such calculation shall be the sum of the price per share being offered in cash, if any, plus the value of any non cash consideration, if any, being offered in the Fundamental Transaction and (iv) a 360 day annualization factor.

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

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

(f) “**Closing Bid Price**” and “**Closing Sale Price**” means, for any security as of any date, the last closing bid price and last closing trade price, respectively, for such security on the Principal Market, as reported by Bloomberg, or, if the Principal Market begins to operate on an extended hours basis and does not designate the closing bid price or the closing trade price, as the case may be, then the last bid price or the last trade price, respectively, of such security prior to 4:00:00 p.m., New York time, as reported by Bloomberg, or, if the Principal Market is not the principal securities exchange or trading market for such security, the last closing bid price or last trade price, respectively, of such security on the principal securities exchange or trading market where such security is listed or traded as reported by Bloomberg, or if the foregoing do not apply, the last closing bid price or last trade price, respectively, of such security in the over-the-counter market on the electronic bulletin board for such security as reported by Bloomberg, or, if no closing bid price or last trade price, respectively, is reported for such security by Bloomberg, the average of the bid prices, or the ask prices, respectively, of any market makers for such security as reported in the “pink sheets” by Pink Sheets LLC (formerly the National Quotation Bureau, Inc.). If the Closing Bid Price or the Closing Sale Price cannot be calculated for a security on a particular date on any of the foregoing bases, the Closing Bid Price or the Closing Sale Price, as the case may be, of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 12. All such determinations to be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

(g) “**Common Stock**” means (i) the Company’s shares of Common Stock, par value \$0.0000002 per share, and (ii) any share capital into which such Common Stock shall have been changed or any share capital resulting from a reclassification of such Common Stock.

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

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

(j) “**Equity Conditions**” means (i) on each day during the period beginning thirty (30) Trading Days prior to the applicable date of determination and ending on and including the applicable date of determination (the “**Equity Conditions Measuring Period**”), the Common Stock is designated for quotation on the Principal Market or any other Eligible Market and shall not have been suspended from trading on such exchange or market nor shall delisting or suspension by such exchange or market been threatened or pending either (A)

in writing by such exchange or market or (B) by falling below the then effective minimum listing maintenance requirements of such exchange or market; (ii) no Allowed Subsequent Placement shall have occurred; (iii) during the Equity Conditions Measuring Period, the Company shall have delivered shares of Common Stock upon all exercises of the SPA Warrants in accordance with their terms to the holders on a timely basis as set forth in Section 1(a) of the SPA Warrants; (iv) any applicable shares of Common Stock to be issued in connection with the event requiring determination may be issued in full without violating the rules or regulations of the Principal Market or any applicable Eligible Market or Section 1(f) hereof; (v) during the Equity Conditions Measuring Period, the Company shall not have failed to timely make any payments within five (5) Business Days of when such payment is due pursuant to any Transaction Document (as defined in the Amended Securities Purchase Agreement); (vi) during the Equity Conditions Measuring Period, there shall not have occurred the public announcement of a pending, proposed or intended Fundamental Transaction which has not been abandoned, terminated or consummated, (vii) the Company shall have no knowledge of any fact that would cause (x) the Registration Statement not to be effective and available for the resale of all the Warrant Shares or (y) both the Registration Statement not to be effective and available and Rule 144 (as defined in the Amended Securities Purchase Agreement) not to be available for the resale of all the Registrable Securities (as defined in the Amended Registration Rights Agreement) and Adjustment Shares; and (viii) the Company otherwise shall have been in compliance with and shall not have breached any provision, covenant, representation or warranty of any Transaction Document.

(k) **“Equity Conditions Failure”** means that on each Trading Day during the period commencing on the date of the Forced Exercise Notice through the Forced Exercise Date, the Equity Conditions have not been satisfied (or waived in writing by the Holder).

(l) **“Expiration Date”** means the date one year after the Issuance Date or, if such date falls on a day other than a Business Day or on which trading does not take place on the Principal Market (a **“Holiday”**), the next day that is not a Holiday.

(m) **“Excluded Securities”** means: (i) any equity or equity equivalent security of the Company issued or issuable, including any shares of Common Stock issued or issuable upon conversion or exercise thereof, in connection with any Approved Stock Plan, (ii) any shares of Common Stock issued or issuable upon exercise of any Warrants; provided that the terms of such Warrants are not amended, modified or changed on or after the Subscription Date, (iii) any shares of Common Stock issued or issuable pursuant to Section 1(b) of the Amended Securities Purchase Agreement; (iv) any shares of Common Stock issued or issuable upon conversion of any Options or Convertible Securities which are outstanding on the day immediately preceding the Subscription Date, provided that the terms of such Options or Convertible Securities are not amended, modified or changed on or after the Subscription Date and (v) the Series A Preferred Stock, par value \$0.01 per share, of the Company issuable to Novogen Limited (**“Novogen”**) pursuant to the Asset Purchase Agreement, dated as of December 21, 2010, by and among the Company, Novogen and Novogen Research Pty Limited in the form attached to the Current Report on Form 8-K filed by the Company on December 22, 2010 (the **“Asset Purchase Agreement”**) (the **“Series A Preferred Stock”**) and the shares of Common Stock issuable upon conversion by Novogen of the Series A Preferred Stock on the terms set forth in the certificate of designations attached as Exhibit A to the Asset Purchase Agreement.

(n) **“Fundamental Transaction”** means that (A) the Company shall, directly or indirectly, in one or more related transactions,

(i) consolidate or merge with or into (whether or not the Company is the surviving corporation) another Person, or (ii) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of the Company to another Person, or (iii) consummate a stock purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person whereby such other Person acquires more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock purchase agreement or other business combination), or (iv) reorganize, recapitalize or reclassify its Common Stock, (B) a Person makes a purchase, tender or exchange offer that is accepted by the holders of more than the 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the Person or Persons making or party to, or associated or affiliated with the Persons making or party to, such purchase, tender or exchange offer) or (C) any “person” or “group” (as these terms are used for purposes of Sections 13(d) and 14(d) of the 1934 Act) is or shall become the “beneficial owner” (as defined in Rule 13d-3 under the 1934 Act), directly or indirectly, of (x) 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock, (y) 50% of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock not beneficially owned by such Person on the Subscription Date or (z) a percentage of the aggregate ordinary voting power represented by issued and outstanding shares of Common Stock or other equity securities of the Company sufficient to allow such Person to effect a statutory short form merger or other transaction requiring other stockholders of the Company to surrender their shares of Common Stock without approval of the stockholders of the Company.

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

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

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

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

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

(t) “**Required Holders**” means the holders of the SPA Warrants representing at least seventy-five percent (75%) of the shares of Common Stock underlying the SPA Warrants then outstanding.

(u) “**Series B Eligibility Date**” means the first date on which all of the following conditions are satisfied (or, in the case of clause (ii) or (iii), waived by the Holder): (i) the Stockholder Approval shall have been obtained, (ii) all of the Warrant Shares shall be able to be resold without restriction or limitation pursuant to the Registration Statement and (iii) all of the Registrable Securities and Adjustment Shares shall be able to be resold without restriction or limitation pursuant to the Registration Statement or Rule 144.

(v) “**Successor Entity**” means the Person (or, if so elected by the Required Holders, the Parent Entity) formed by, resulting from or surviving any Fundamental Transaction or the Person (or, if so elected by the Required Holders, the Parent Entity) with which such Fundamental Transaction shall have been entered into.

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

(x) “**Weighted Average Price**” means, for any security as of any date, the dollar volume-weighted average price for such security on the Principal Market during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg through its “Volume at Price” function or, if the foregoing does not apply, the dollar volume-weighted average price of such security in the over-the-counter market on the electronic bulletin board for such security during the period beginning at 9:30:01 a.m., New York time (or such other time as the Principal Market publicly announces is the official open of trading), and ending at 4:00:00 p.m., New York time (or such other time as the Principal Market publicly announces is the official close of trading), as reported by Bloomberg, or, if no dollar volume-weighted average price is reported for such security by Bloomberg for such hours, the average of the highest closing bid price and the lowest closing ask price of any of the market makers for such security as reported in the “pink sheets” by Pink Sheets LLC (formerly the National Quotation Bureau, Inc.). If the Weighted Average Price cannot be calculated for a

security on a particular date on any of the foregoing bases, the Weighted Average Price of such security on such date shall be the fair market value as mutually determined by the Company and the Holder. If the Company and the Holder are unable to agree upon the fair market value of such security, then such dispute shall be resolved pursuant to Section 12 with the term "Weighted Average Price" being substituted for the term "Exercise Price." All such determinations shall be appropriately adjusted for any stock dividend, stock split, stock combination or other similar transaction during the applicable calculation period.

[Signature Page Follows]

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

MARSHALL EDWARDS, INC.

By: _____
Name:
Title:

EXERCISE NOTICE

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

MARSHALL EDWARDS, INC.

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

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

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

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

3. Delivery of Warrant Shares. The Company shall deliver to the holder _____ Warrant Shares in accordance with the terms of the Warrant.

Account Number (if electronic book entry transfer): _____

DTC Participant Number (if electronic book entry transfer): _____

Date: _____

Name of Registered Holder

By: _____

Name:

Title:

ACKNOWLEDGMENT

The Company hereby acknowledges this Exercise Notice and hereby directs Computershare, Inc. to issue the above indicated number of shares of Common Stock in accordance with the Transfer Agent Instructions dated May [___], 2011 from the Company and acknowledged and agreed to by Computershare, Inc.

MARSHALL EDWARDS, INC.

By: _____
Name:
Title: